

August 1961

# Rollins College Catalog 1961-1962

Rollins College

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# ROLLINS COLLEGE

WINTER PARK - FLORIDA

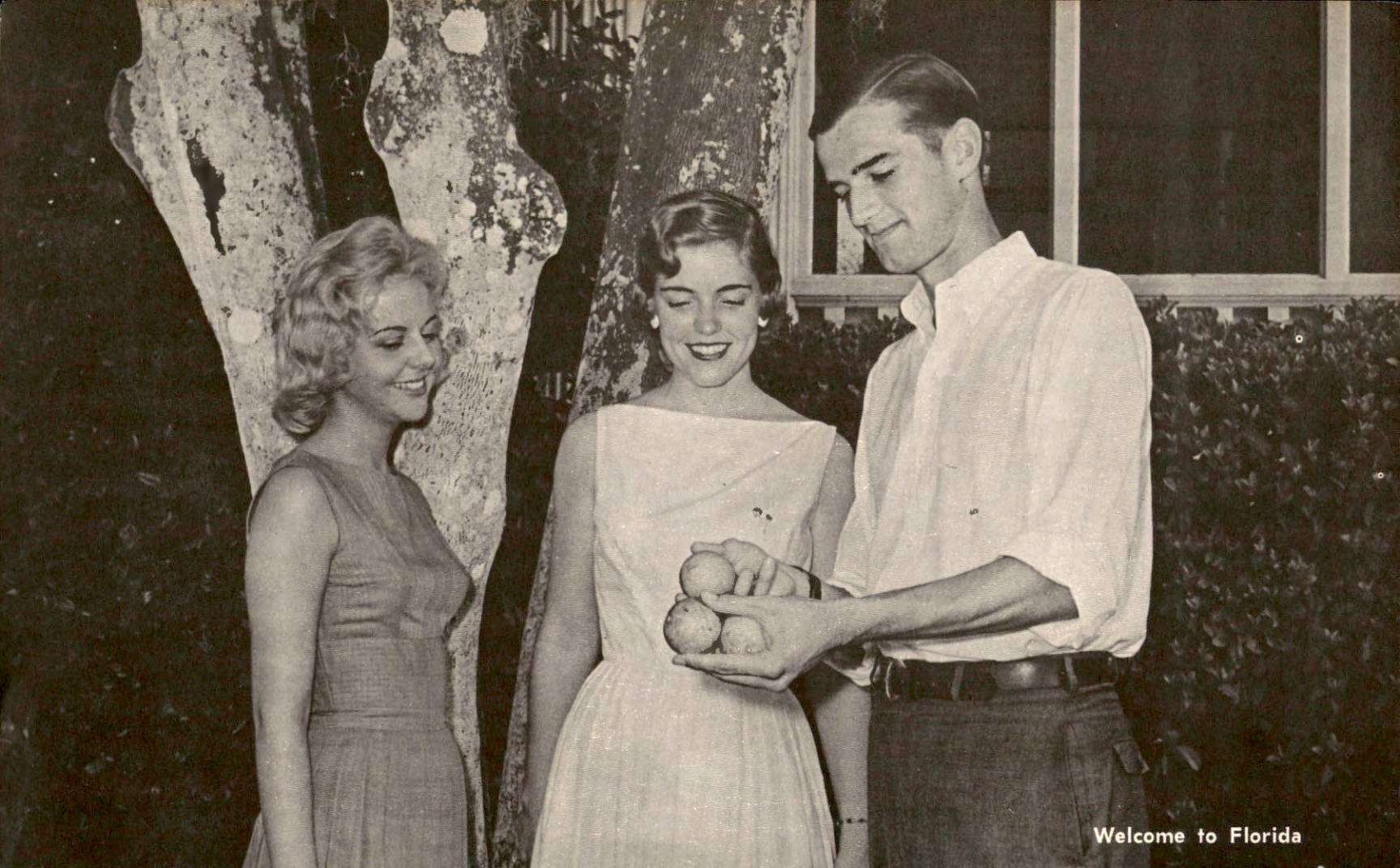
BULLETIN 1961-1962





Rollins College Campus





Welcome to Florida

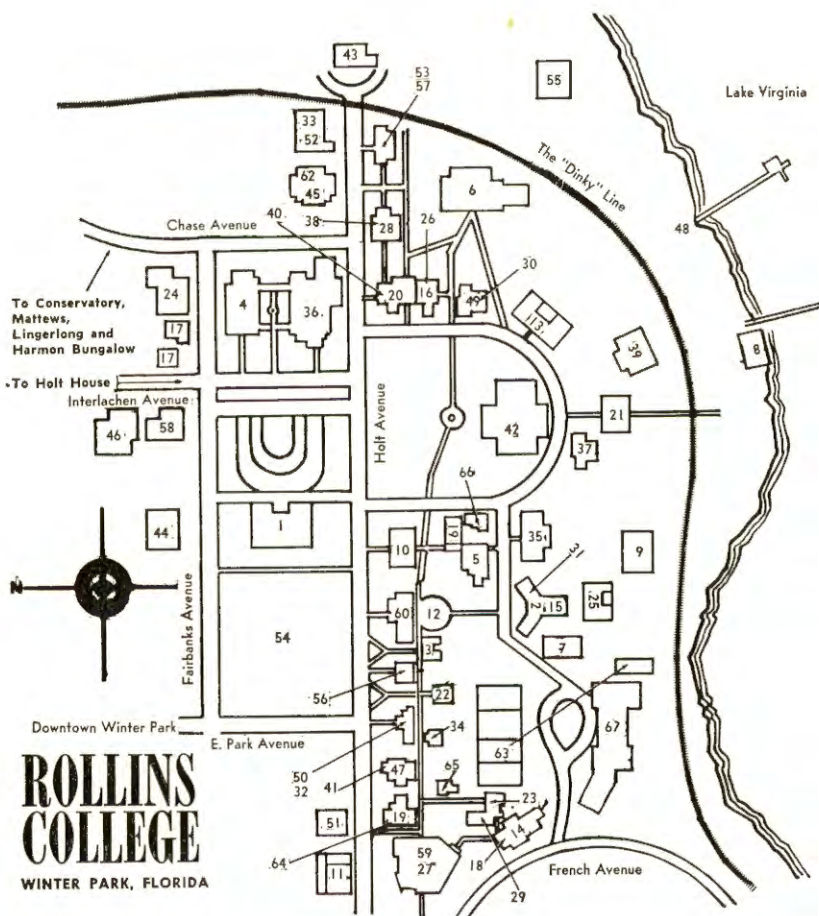


# Rollins College Bulletin

*Catalog Number 1961-1962*



WINTER PARK, FLORIDA



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This catalog supersedes all previous issues.  
The college reserves the right at any time to  
Make whatever changes may be found necessary.

## ROLLINS COLLEGE BULLETIN

VOL. LVI

MAY, 1961

No. 2

Issued Quarterly: Admitted as Second-class Matter at Winter Park, Florida  
Post Office, under Act of Congress of July, 1894.

# *An Introduction To* **ROLLINS**

## **ORIGIN**

Rollins was founded in 1885 under the auspices of the Congregational Churches. The oldest institution of higher education in Florida, Rollins is a four-year undergraduate college of liberal arts and sciences. It is non-denominational, coeducational, and independently supported by income from tuition and contributions of friends and alumni. Permanent funds of the college are in excess of \$4,500,000.

## **LOCATION AND CAMPUS**

The college is located in Winter Park, a residential community situated among the lakes of central Florida, 50 miles from the Atlantic Ocean. Winter Park is adjacent to the city of Orlando.

The 62-acre campus is bounded by Lake Virginia to the east and south, and Winter Park to the west and north. The value of the physical plant is approximately \$10,000,000.

## **ACCREDITATION**

Rollins is accredited by and a member of the Southern Association of Colleges and Secondary Schools. It is also a member of the Association of American Colleges, the American Council on Education, the Florida Association of Colleges and Universities, the National Association of Schools of Music, and the College Entrance Examination Board.

## **DEGREES, CURRICULUM AND MAJORS**

The academic program of the college is centered in the basic liberal arts and sciences. Rollins confers the **Bachelor of Arts**, **Bachelor of Science**, and **Bachelor of Music** degrees.

Pre-professional programs leading to baccalaureate and graduate degrees are offered in cooperation with other institutions. The curriculum includes appropriate courses for students intending to continue their education in graduate schools in such areas as business, engineering, forestry, law, medicine, foreign service, and teaching.

Rollins offers majors in the following: Art, Biology, Business Administration, Chemistry, Economics, Education, English, French, General Science, Geology, German, Psychology, Government, History, Human Relations, Mathematics,



# COLLEGE

Music, Philosophy, Physics, Pre-engineering, Pre-forestry, Pre-law, Pre-medicine, Sociology and Anthropology, Spanish, and Theatre Arts.

Courses are offered in Music, Painting, Sculpture, and Drama. A music conservatory, an art gallery, and two theatres afford opportunities for both theoretical and applied study.

In the first two years, each student's schedule includes courses in English composition, the humanities, the natural sciences, the social studies, a foreign language, and physical education.

## ENROLLMENT

The student body numbers 800. The ratio of students to faculty is ten to one. The average number of students in a class is 17.

Rollins is international in scope. Forty states, the District of Columbia, and ten foreign countries are represented in its student body.

## ADMISSION

Students are selected on a basis of preparation, character, and potential qualities of leadership. Scholarship help and work-aid are available for students of proven ability. All applicants must take the College Entrance Examination Board examinations.

## ACTIVITIES

There are more than 30 honorary, social, religious, athletic, dramatic, musical, literary, linguistic, and scientific organizations on campus. Included are fraternity and sorority chapter of national Greek letter societies.

Independent Men and Independent Women welcome all students who are not members of a fraternity or a sorority. They enjoy the same privileges and standing as others.

Rollins has excellent instruction in sports, but does not offer a major in physical education. Intercollegiate varsity teams compete in baseball, basketball, crew, golf, soccer, and tennis. Intramural sports include archery, basketball, canoeing, crew, golf, softball, swimming, tennis, and volleyball.

# 1961

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# 1962

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														30	31					



# *The Rollins Calendar*

**1961-62**

## **FALL TERM**

September 25, **Monday** New Students Report to Campus by 5 P.M.  
September 27, **Wednesday**, 7:30 P.M. First Meeting of the Faculty  
September 29, **Friday** Registration of Former Students  
October 2, **Monday** Fall Term Classes Begin  
November 22, **Wednesday**, 1:45 P.M. Thanksgiving Holiday Begins  
November 27, **Monday**, 8:30 A.M. Classes Resume  
December 15, **Friday**, 1:45 P.M. Fall Term Ends

## **WINTER TERM**

January 3, **Wednesday**, 8:30 A.M. Winter Term Begins  
March 14, **Wednesday**, 1:45 P.M. Winter Term Ends

## **SPRING TERM**

March 22, **Thursday**, 8:30 A.M. Spring Term Begins  
May 27, **Sunday**, 10:30 A.M. Baccalaureate  
May 31, **Thursday**, 1:45 P.M. Spring Term Ends  
June 1, **Friday**, 10:00 A.M. Commencement

**1962-63**

## **FALL TERM**

September 24, **Monday** New Students Report to Campus by 5 P.M.  
September 24, **Monday**, 4:00 P.M. First Meeting of the Faculty  
September 28, **Friday** Registration of Former Students  
October 1, **Monday**, 8:30 A.M. Fall Term Classes Begin  
November 21, **Wednesday**, 1:45 P.M. Thanksgiving Holiday Begins  
November 26, **Monday**, 8:30 A.M. Classes Resume  
December 14, **Friday**, 1:45 P.M. Fall Term Ends

## **WINTER TERM**

January 3, **Thursday**, 8:30 A.M. Winter Term Begins  
March 15, **Friday**, 1:45 P.M. Winter Term Ends

## **SPRING TERM**

March 25, **Monday**, 8:30 A.M. Spring Term Begins  
June 2, **Sunday**, 10:30 A.M. Baccalaureate  
June 6, **Thursday**, 1:45 P.M. Spring Term Ends  
June 7, **Friday**, 10:00 A.M. Commencement

Each class period at Rollins College is 60 minutes long.

## *Directions for Correspondence*

**THE ROLLINS COLLEGE BULLETIN**, which is issued quarterly throughout the year, gives information about various phases of college life. One number of the **Bulletin** each year is the College Catalog.

The College is glad to send copies of the catalog and other numbers of the **Bulletin** to those who are interested in seeing them.

Correspondence relating to the various aspects of the college should be addressed as follows:

**Admission of New Students**.....Dean of Admissions

**Readmission of Former Students**.....Dean of the College

**Educational Program**.....Dean of the College

**General Information**.....Secretary to the Administration

**Entrance and Transfer Credits**.....Registrar

**Men Students—**

**Personal Welfare and Housing**.....Dean of Men

**Women Students—**

**Personal Welfare and Housing**.....Dean of Women

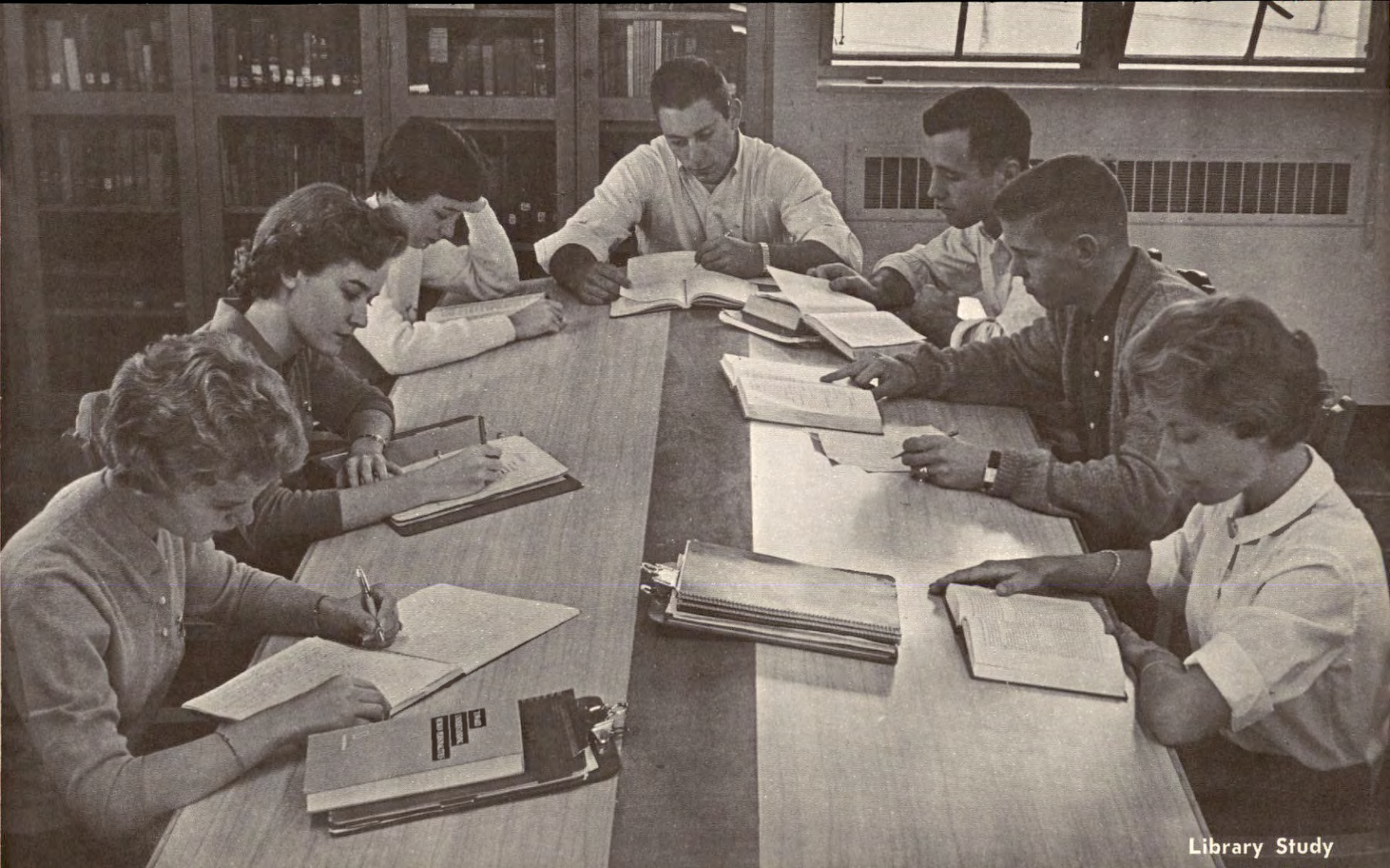
**Finances**.....Treasurer of the College

**Student Finances**.....Cashier

**Alumni**.....Executive Director, Rollins Alumni, Inc.

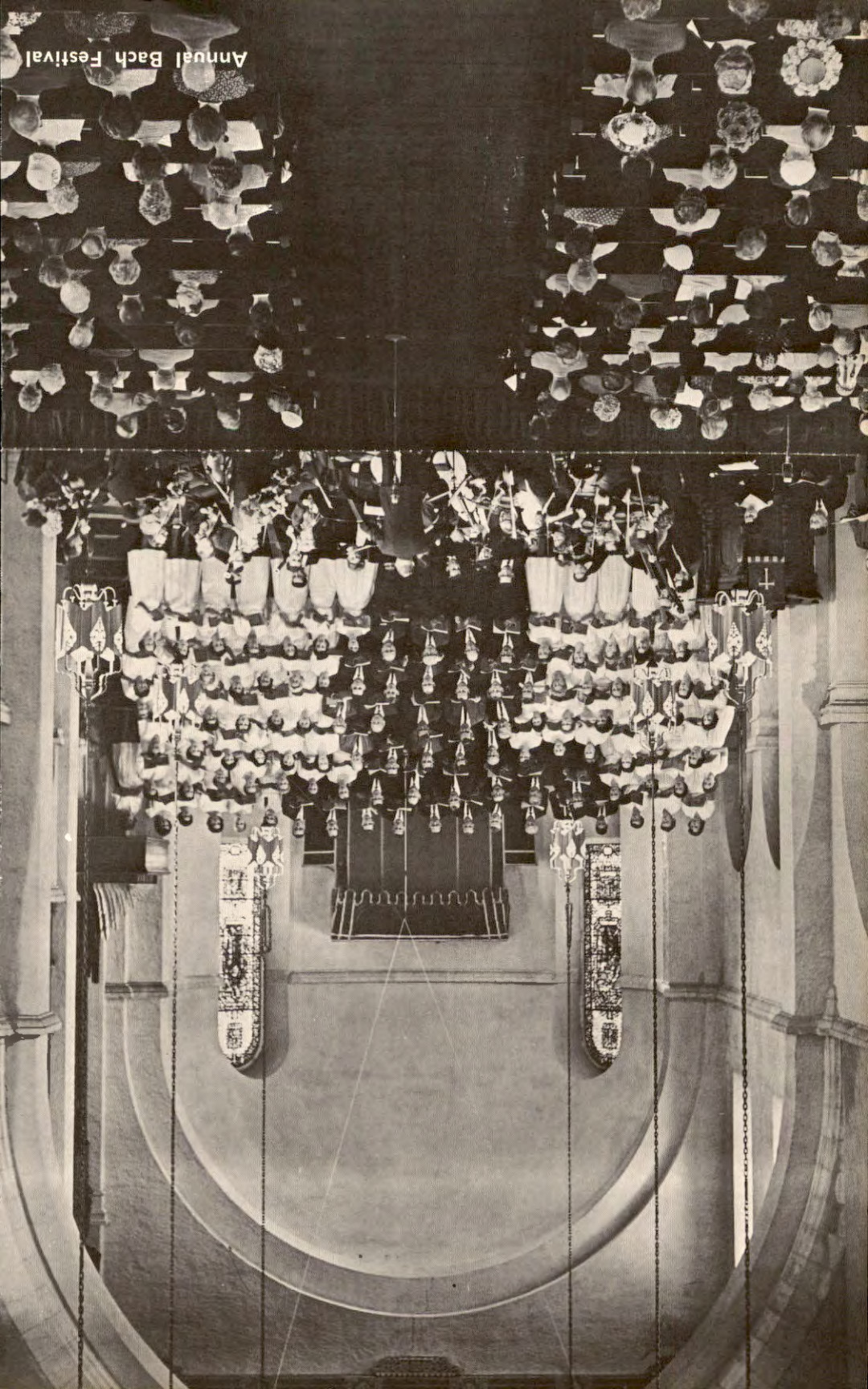
Visitors to the college are welcome at all times. The Admissions Office provides regular tours of the campus. The college offices are closed from 5:00 P.M., Friday until Monday morning and members of the administration and faculty may be seen during this time only by special appointment made in advance.





Library Study





Annual Bach Festival



# *The Rollins Program*

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# *The Rollins Program*

## **THE PURPOSE OF THE COLLEGE**

"THE NAME OF THE CORPORATION shall be Rollins College . . . Its object, which shall never be changed, shall be the Christian education of youth . . ." So wrote the founder of Rollins in 1885 in starting the first institution of higher education in Florida. It was, indeed, the pioneer of independent coeducational colleges in the lower Southeast. What the founders affirmed the Trustees have constantly reaffirmed, that Rollins shall remain a small independent Christian college devoted to the highest type of undergraduate liberal education.

Under the wise leadership of its presidents, Rollins maintained its integrity and advanced its ideals. Edward Payson Hooker (1885-1892), the founding president, established high standards of quality. George Morgan Ward (1896-1903) initiated the close relationship between teacher and student that has become one of the great traditions of the college. William Fremont Blackman (1903-1915) stood for scholarship of top order, maintaining that it "should not be size, but quality, highest standards of scholarship, thoroughness of work, fineness of result" that should distinguish Rollins among its contemporaries.

## **THE ROLLINS CONFERENCE PLAN**

Under the leadership of the fourth of these great presidents, the late Hamilton Holt (1925-1949), there was developed in the 1930's a pioneering program of higher education which attracted nation-wide attention among educators. It was known as the Rollins Conference Plan. This plan was guided by three principles that make up both an educational philosophy and the program frequently referred to as "The Rollins Plan":

1. All effective education is in large measure self-education. This implies that the teacher-student relationship must be direct and personal, that the progress of the student is accomplished by what he is led to do and not by



## Rollins College

what is done for him, and that the elements of a liberal education may vary with the individual student's interests and needs.

2. College teaching is most effective in a conference situation in which teachers and students evoke oral and written expression from each other, and, by their criticisms, lead the student to develop standards of judgment of his own work.

3. The college should be kept in touch with the creative forces at work in the national life: economic, political, and aesthetic. This is achieved by a wide range of public lectures, concerts, and conferences, bringing national leaders in many fields to the campus.

Rollins has developed a distinctive character through its effective conference method of teaching, consisting of small classes of roundtable discussion combined with frequent individual conferences between professor and student.

Under conditions where direct discussion provides the basis for both teaching and learning, the conventional recitation and lecture are de-emphasized. The conference method employs quite simply, group and individual discussion in an atmosphere that supports and fosters the asking of questions and the giving of answers.

The present program continues to put emphasis on self and self-education. It is what the student does, not what is done to or for him, that counts in the long run. While formal lectures alone cannot provide for active participation, they may play an important part in laying the basis for more intelligent participation later, if skillfully done. Rollins promotes the widest experimentation in teaching methods, for no one scheme is equally good in the hands of all teachers and all students.

Specific requirements for graduation are held to a minimum so that the student may explore the areas of his interest deeply or search broadly to find an interest. Depth is obtained through the major field selected for concentrated work in the two upper years. Breadth is achieved through two requirements: (1) at least a year of work must be taken in each of the three selective groups listed on page 41, the Social Sciences, and the Natural Sciences, in the first two

## **Rollins Program**

years, and (2) at least five advanced courses must be taken outside the major field. Other specific requirements include one year of English Composition and Literature in the Freshman year, the equivalent of two years of college Foreign Language, and the successful completion of two years of Physical Education unless excused by doctor's order.

Qualitatively, the student must maintain a minimum average of C to continue to remain eligible for graduation. Quantitatively, he must maintain an average of 16 credits (a minimum of 15 credits—3 courses) per term in order to graduate in four years with the required minimum of 192 academic credits.

A large measure of freedom in learning is not only allowed but expected among Rollins students. To make this degree of freedom possible, an equivalent sense of responsibility is demanded. High standards by the teacher and high quality of performance on the part of the student is essential. By selectivity in admission of students and by insistence on high-level performance, the college has been able to succeed in an educational plan that allows such a wide range of individual freedom.

### **ORIENTATION AND GUIDANCE**

All entering students assemble at the college about a week in advance of the returning students. Each new student is assigned to a small group headed by an upperclassman and a faculty member. In addition to learning about one another, the history and objectives of the college, and the physical plan of the campus, each student takes a placement test in English and four tests prepared by the Education Testing Service of Princeton, New Jersey. These tests are designed to help the student and his faculty adviser develop an appropriate course of study. The results of the achievement tests in modern foreign languages, administered through the College Entrance Examination Board, are used as a basis for placement in modern language courses. Students who have taken one of these tests in their senior year of secondary school will not be required to take the examination upon arrival at Rollins.

Each freshman student is assigned to a faculty member of the Academic Advisers Committee. This faculty group



## **Rollins College**

meets regularly throughout the academic year to discuss individual students' programs and progress, and to share experiences, reflective thought, and conclusions that can shape policy that is consistent and uniform yet considerate of individual needs and differences.

The over-all purpose of the Academic Advisers Committee is to integrate the social and intellectual guidance of students, and to center the college educational program on the student and his individual development in a social milieu.

Each adviser makes himself available for frequent conferences with his student advisees, and attempts to lead each student toward greater acceptance of responsibility in reaching reasoned decisions that could affect his life at Rollins and after he leaves the college.

### **READING LABORATORY**

In the spring of 1957 the college established a reading laboratory to assist students in improving their reading speed and comprehension. All entering freshmen take a reading comprehension test. Those who show weaknesses are advised to seek assistance at the laboratory. Any work taken at the laboratory by a student is on a voluntary basis. The laboratory is equipped with the latest devices for diagnosing difficulties and providing compensating exercises. It is under the supervision of an experienced director.

### **THE GRADUATE RECORD EXAMINATION**

All seniors are urged to take the Graduate Record Examination (Aptitude). Most graduate schools either require or request candidates to take this examination. It is given each year at Rollins, which serves as a Center for this purpose, and is so designated by the Educational Testing Service of Princeton, New Jersey.

### **THE CENTER FOR PRACTICAL POLITICS**

The Center for Practical Politics is operated under a grant from the Maurice and Laura Falk Foundation to encourage student participation in political activities through political parties as a condition of responsible citizenship. The work is carried on by classroom seminars, personal projects, and internships.

## **Rollins Program**

### **GRADUATE SCHOLARSHIPS AND FELLOWSHIPS**

Announcements of graduate scholarships and fellowships for advanced study are available in each major department. Information on the Fulbright Fellowship is available from Dr. Wendell C. Stone. Dean Rich and Dr. Ross are the Rollins representatives for the Woodrow Wilson Fellowship. For information on the Danforth and Rhodes scholarships the student should get in touch with the Office of the Dean of Men.

### **STUDY ABROAD**

Rollins encourages students to spend their junior year studying in European countries as part of their educational experience. A number of overseas study programs are available. Interested students should consult with the Dean of the College.

### **HONORS AND PRIZES**

**The Algernon Sydney Sullivan Award**—In 1925 the New York Southern Society established the Algernon Sydney Sullivan Award. This award, in the form of a bronze medallion, is intended to perpetuate the memory of its esteemed founder. It is designed to recognize and encourage in others those same principles of love for and service to men that were his dominant characteristics.

Rollins College has the honor of being one of the limited number of institutions chosen to bestow this award. It may be given each year to not more than one man and one woman of the graduating class, and to one other person who is not a student at the college.

The recipients of the award are chosen by the faculty of the college. In the selection of the recipients, "nothing shall be considered except the possession of such characteristics of heart, mind and conduct as evince a spirit of love for and helpfulness toward other men and women."

The first award of the Algernon Sydney Sullivan Medallion by Rollins College was made in 1927 to Irving Bacheller, the distinguished novelist.

**The Rollins Decoration of Honor** was established by the Board of Trustees on February 22, 1935, and the first award was made to Dr. Hamilton Holt, president of Rollins. The



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decoration is awarded to alumni, trustees, members of the faculty or administrative staff, or friends of the college in recognition of distinguished contribution to the progress of Rollins.

**The General Reeve Awards for Scholarship**, established in 1945 by the late General Charles McCormick Reeve in recognition of high scholastic standing, are awarded at graduation each year to the five seniors who have maintained the highest scholastic record during their last three years in Rollins.

**The Order of the Libra Honor Award** may be presented to the woman in the graduating class who, by her conduct and service, has made the greatest contribution to the development of the spirit of leadership and co-operation in the student body of Rollins College.

**The Central Florida Association of Phi Beta Kappa Award** is presented annually to the outstanding Junior student who has exhibited intellectual ability in the acquisition of a liberal education.

**The Chi Omega Social Science Award** of \$25 is presented by the Upsilon Beta Chapter to the woman in the graduating class with the highest scholarship record in the fields of history, sociology, psychology, or political science.

**The Gamma Phi Beta Sorority Economics Prize** of \$10 is offered to the senior woman who has earned the highest scholarship record in economics or business administration. The object of this prize, which is awarded at commencement time, is to create interest in these fields among women students.

**The Howard Fox Literary Prize** is furnished from the income of a \$5,000 fund given by the late Howard Fox of New York City in honor of his lifelong friend and former Rollins College president, Hamilton Holt. This prize is offered for the best piece of literature produced by a student at Rollins College, considered on the basis of originality, human interest, and craftsmanship.

**The General Reeve Contest** offers six prizes of \$75 each to Rollins men students who compose each year the best original essays. The contest is made possible through the



Between Classes







## Rollins Program

generosity of the late General Charles McCormick Reeve of Minneapolis and Winter Park. The subjects for these essays are chosen by a committee of the faculty. The six winning essays are delivered by their authors at a public meeting of members of the College. The author who, in the opinion of specially selected judges, has most effectively composed and delivered his material will be given the Hamilton Holt Award of \$50.

**The Pi Gamma Mu Honor Medal**, established in 1956 by the Florida Delta Chapter of Pi Gamma Mu, may be awarded annually to an outstanding senior in the social science field.

**The Zeta Alpha Epsilon Book Prize** is awarded at the final honors day program of the academic year to the senior student member of the society having the highest record of achievement in science.

**The Thomas R. Baker Memorial Prize** is awarded annually to the junior student at Rollins who has maintained the highest scholarship record in the study of chemistry.

**The Phi Beta Awards**, one in theatre arts and one in music, are offered to the women members of the graduating class who have shown the greatest accomplishment in these fields.

**The Pi Beta Phi Dramatics Prize** of \$20 is given by the Pi Beta Phi Fraternity for the greatest improvement made by a student in theatre arts.

**The Theta Alpha Phi Award** is a prize given by the Rollins chapter of this national honorary dramatic fraternity to the first-year man and woman doing outstanding work as actors or technicians in the Theatre Arts Department.

**The Tiedtke Award** is a gold medal given by Mr. John Tiedtke to a student who has shown outstanding achievement and progress in the fine arts.

**The Ralph Lyman Baldwin Award** of \$50 and a medalion are given annually to the graduating major in organ and composition who is deemed by the music faculty as most worthy of the honor.

**The Willard Wattles English Award** is an expensive book presented by the Rollins Key Society to the junior English major with the highest over-all academic average.



## **Rollins College**

**The Lecomte du Nouy Essay Prize** is awarded annually to the Rollins student who submits the best essay on a subject covered by the works of the late Lecomte du Nouy. The prize consists of income from a \$3,000 fund established for this purpose.

**The Charles Hyde Pratt Creative Writing Award** of \$50 is available for annual presentation to a Rollins student who is outstanding in creative writing.

**The Colonel Richard C. Plumer Memorial Award** is given annually to a student of business law who is outstanding in the qualities represented by Richard C. Plumer: scholarship, integrity of mind, humbleness of soul, and rendered service to his fellow men in a spirit of kindness and dignity. The award is the income from a fund created by the Class of 1954 in memory of Colonel Plumer.

**The Academy of American Poets Poetry Prize** of \$100 may be awarded annually for the best poem or group of poems submitted during the year by a Rollins undergraduate. The award, which is administered by the English Department, is made possible by a bequest from the late Mrs. Mary Cummings Eudy, a former member of The Academy of American Poets, who established similar bequests to nine other universities and colleges.

**The Kappa Kappa Gamma Scholarship Trophy** was established in 1959. It is awarded annually at an all-college convocation to the sorority that maintained the highest academic average during the preceding school year.

**The George Chandler Holt Scholarship Trophy** was established in 1958. It is awarded annually at an all-college convocation to the fraternity that maintained the highest academic average during the preceding school year.

**The ODK Leadership Trophy** is awarded by the Alpha Iota Circle of Omicron Delta Kappa, honorary fraternity, to the men's group that has the best composite record of achievement and leadership in scholarship, student government, social and religious affairs, athletics, publications, speech, music, drama, and other arts.

**The Nina O. Dean Libra Group Leadership Award** is presented annually by the Order of the Libra, women's hon-

## Rollins Program

orary group, to the women's social group that is outstanding in campus leadership as it exemplifies Libra's ideal of the balanced life.

**The Pi Gamma Mu Honor Medal**, established in 1956 by the Florida Delta Chapter of Pi Gamma Mu, may be awarded annually to an outstanding senior in the social science field.

**The Sigma Xi Award.** The Sigma Xi Club of Rollins College authorizes the science faculty to select each year an outstanding senior science student for the Sigma Xi Award. This award is used in the pursuit of postgraduate or professional school studies.

An additional award is presented each year to the junior science major who, in the opinion of the science faculty, is most deserving of recognition.

**The Phi Mu Athletic Award** is presented annually by the Phi Mu Fraternity to the outstanding senior woman athlete.

**Women's Intramural Trophies** are awarded annually. Permanent possession is granted to any group who wins a trophy for three consecutive years.

Archery—presented by Pi Beta Phi.

Basketball—presented by Alpha Phi.

Golf—presented by Kappa Alpha Theta.

Softball—presented by all social groups.

Swimming—presented by Chi Omega.

Tennis—presented by Kappa Kappa Gamma.

Volleyball—presented by Gamma Phi Beta.

**The O'Brien Intramural Trophy**, donated by Mr. Neill O'Brien of Winter Park in 1946, is awarded to the women's group that has the greatest number of points at the completion of the intramural sports season. Permanent possession is granted to any group winning the trophy for three consecutive years.

**The J. Gordon Clerk Trophy** was donated in 1945 by Mrs. J. Gordon Clerk in memory of her husband who was killed in action in World War II. A cup is awarded to the men's group with the greatest number of points in athletics at the end of the sports year. Points are given for varsity



## **Rollins College**

athletes and for intramural competition. After a group wins this trophy three times it becomes its permanent possession.

**The Intramural Trophy** is awarded annually to the men's group with the greatest number of points in intramural competition only. This trophy becomes the permanent possession of any group who wins it three times.

**The Campus Sing**, sponsored by the Independents, was organized to stimulate group singing on the campus. Prizes are awarded to the fraternity and the sorority that win in the competition held in the spring.

**Social Organizations Scholarship Trophies** were established through the generosity of the late Hamilton Holt during his presidency of the college. They are awarded annually under the auspices of the Panhellenic Association and the Interfraternity Council to the men's and women's social organizations that have the highest scholastic group standing.

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# *Admission and Expenses*

## **ADMISSION OF STUDENTS**

The number of new students accepted by Rollins in any one year is limited. The college strives to select only those whose qualities of character, personality, intellectual ability, and interest in higher education indicate that they can pursue a college course with profit. It is assumed that a student who is mature enough to be admitted to college is mature enough to be held responsible for adequate adjustment to college life.

## **ENTRANCE REQUIREMENTS**

### **ADMISSION FROM SECONDARY SCHOOLS**

Graduates of accredited secondary schools, if certified and recommended by their principals, are eligible for consideration upon receipt of the three-and-one-half-year record and the results of the Scholastic Aptitude Test of the College Entrance Examination Board. All applicants for admission are required to take this test during the senior year of secondary school. Registration for this test may be made by writing to The College Entrance Examination Board, Box 592, Princeton, New Jersey.

Since the College Board writing sample in English and the College Board Achievement Test in modern foreign languages are required of all students for registration and placement purposes, applicants who have taken these in their senior years of secondary school will be excused from taking them upon their arrival at Rollins.

There are certain areas of study which should receive the same special emphasis in preparatory school years as they will in college. Ideally, the candidate for admission to Rollins should present four years of English, at least three years of mathematics, three years of one foreign language (or two years of each of two foreign languages), and credits completed in history and science. A credit represents a year's study of a subject in a secondary school

## **Rollins College**

under the conditions specified by the regional accrediting association.

Although consideration will be given to candidates who offer courses outside these five main areas, Rollins judges the school records of its candidates chiefly by performance in these traditionally college preparatory subjects.

### **ADMISSION WITH ADVANCED STANDING**

Entering freshmen who pass advanced placement tests given in May by the College Entrance Examination Board will, with the approval of the Academic Standing Committee and the department concerned, be eligible for admission to advanced courses in the department. Students may use these tests to meet, in advance, certain distribution requirements for graduation. The tests may not be used to reduce the number of credit hours required for the Rollins degree. Information about these tests may be obtained from the College Entrance Examination Board.

### **ADMISSION FROM OTHER COLLEGES**

Rollins accepts a limited number of students, who wish to transfer from other colleges. Such students must meet all the requirements established for graduation from Rollins. It is of particular importance to note that Rollins requires two years of work in a foreign language as well as one year of work in a laboratory science, a social science, and in the humanities to qualify for graduation. No transfer credit is given for work completed with a grade of D or for work which is not typically offered in a liberal arts college. No credit will be granted for courses taken by correspondence, and not more than 30 credits will be allowed for extension courses.

To receive information regarding the evaluation of transfer credits, a student must first apply for admission and pay the application fee. He must be in good academic standing and eligible to return to the institution from which he proposes to transfer.

### **ADMISSION OF VETERANS**

Veterans may offer their General Education Development Test scores as a part of their admission requirements in addition to, but not as a substitute for, the required



## Admission and Expenses

Scholastic Aptitude Test of the College Entrance Examination Board.

Evaluation of service credits (viz. USAFT) will be made upon receipt of an official record. Only those courses completed in an accredited institution or an approved Armed Forces establishment are transferable.

Rollins is recognized by the Veterans Administration for training under Title 38, United States Code, which includes laws formerly referred to as Public Laws 16, 894, 634, and 550.

### APPLICATION PROCEDURE

The following steps should be taken when applying for admission to Rollins College:

1. Request an **Application for Admission** and return this form with the application fee of \$10, which is paid only once and is not refundable. A small photograph is also required.
2. Upon receipt of the **Application for Admission**, the Admissions Office will send to the candidate:
  - a. The Secondary School Record form, which the candidate is asked to hand to the head of his school. It is requested that the school submit this form directly to Rollins College as soon as the midyear grades for the senior year are available.
  - b. Four Personal Recommendation forms, which the candidate is asked to give to the guidance counselor and teachers listed on his application.
  - c. Information regarding the College Entrance Examination Board requirement.
  - d. The Parent Questionnaire, which the candidate is asked to hand to his parent or guardian for completing and mailing to the college.

After an applicant has complied with the above steps his name will be placed before the Admissions Committee and he will be notified regarding his status. Upon notice of acceptance, boarding students pay a reservation fee of \$100, and day students pay \$25. Since Rollins adheres to the **Candidates Reply Date** as established by the College Entrance Examination Board, the reservation fee must be

## Rollins College

paid by that date and is not refundable. **The Candidates Reply Date for 1962 is May 24.** Applicants accepted after this date will be asked to pay the reservation fee immediately upon acceptance. **Payment of the boarding student reservation fee automatically reserves dormitory space for the accepted candidate.**

Accepted applicants are asked to read carefully pages 35 through 45 of this bulletin, and are required to comply with regulations regarding health as outlined on pages 134, 135, and 136.

An accepted student who requests that his application be transferred to a later term must be reconsidered by the Admissions Committee. Applicants are urged to inform the college promptly of any change of address, transfer from one school to another, or withdrawal of application.

### STUDENT EXPENSES

Fees for 1961-62 will be as follows:\*

#### Application Processing Fee

(Payable with submission of  
application for admission) ----- \$ 10

#### Student Association Fee

(levied by Student Association) ----- 40

#### Contingent Deposit

(refundable upon graduation) ----- 25

#### Boarding Students

General Fee ----- \$ 2,235

The general fee includes items usually differentiated as tuition, board, room; certain special fees such as laboratory fees and instruction in music; limited medical service for minor illnesses; and the use of all college facilities.

### SCHEDULE OF PAYMENT OF FEES

#### Incoming Students

Payable upon acceptance of application for entrance, to reserve a place in the college until July 1st installment is paid ----- \$100  
Payable—July 1st (non-refundable) ----- \$150  
Balance payable September 15th



## Admission and Expenses

### Returning Students

Payable by April 15th, to reserve  
a room in the college dormitories  
until the July 1st installment is

paid (non-refundable) .....	\$ 50
Payable—July 1st (non-refundable) .....	\$200
Balance payable September 15th	

No student entering as a boarding student is permitted to change his status to a day student during the college year.

### Day Students

**General Fee**—The college will accept properly qualified day students who are bona fide residents of central Florida at a special rate of \$1,135. Incoming students: payable upon acceptance, \$25 to assure reservation of a place in the college until the July 1st installment is paid; \$75 payable to July 1st; balance payable September 15th. Returning students—payable July 1st, \$100; balance payable September 15th.

**All students must meet the July 1st installment promptly to assure the reservation of a place in the college.**

\*The fees are subject to change at any time by action of the Board of Trustees.

### SPECIAL CHARGES

**Over-Registration.** Any student who registers in an academic year for more than an average of eighteen term-hours per term, exclusive of Physical Education, Choir, and the Rollins Singers, is charged \$4 for each term-hour over fifty-four hours for the academic year.

**Late Registration.** A fee of \$5 is charged for late registration.

**Water Skiing.** A fee of \$35 per term is charged for students who elect to take this physical education activity.

### REGULATIONS REGARDING REFUND OF FEES

As the college predicates its expenses and bases its budget upon the full collection of the general fee from all accepted students, adjustments are made only under the following regulations:

## **Rollins College**

1. If a student on account of serious accident or major medical or surgical illness requiring two or more weeks' hospitalization is obliged to leave college during the academic year, upon recommendation of the college physician, the college will share the resulting loss with the parents by canceling 75% of any unearned portion of the general fee, refunding such portion of this as has been prepaid.

2. If any student enrolled at Rollins receives a mandatory call from the Federal Government to enter the military or naval service on an active duty status, the general fee for the year will be pro-rated as of the date the student is required to leave college to report for duty.

3. If a new student fails to enter college after acceptance has been granted, or if any student who has been in previous attendance fails to return, or **if any student leaves college for any reason other than those stated in No. 1 and No. 2 above, or is suspended or dismissed, no refund will be made.**

Failure to pay the stipulated installments of the applicable general fee promptly upon the dates specified forfeits all previous payments and deposits as well as the right to a place in the college, and the college reserves the right to select another student immediately to fill the vacancy thereby created.

4. A student will be considered in attendance at the college until formal notice of withdrawal has been filed in the Office of the Dean by the parent or guardian.

All financial obligations must be fulfilled before the student attends classes.

### **MEDICAL EXPENSES REIMBURSEMENT INSURANCE**

An agreement has been entered into with an insurance company that makes health and accident insurance available on a group basis for students at Rollins College. Full details and application blanks are available in the Cashier's Office. This insurance is not compulsory, and students may elect to waive the premium if the insurance is not wanted.

### **INSURANCE OF PERSONAL BELONGINGS**

The college does not carry insurance on students' personal belongings and is not responsible for loss or damage from any cause. Students should arrange for adequate



## Admission and Expenses

coverage on existing policies or make arrangements for insurance locally upon arrival.

### SCHOLARSHIPS

Scholarships are awarded competitively to those men and women who give evidence of academic attainment and future promise. Transfer applicants are usually not eligible for such awards. The stipend accompanying such awards is based on financial need. For entering freshmen, information on financial need must be submitted by parents or guardian on **The Parents' Confidential Statement** supplied by the College Scholarship Service, Box 176, Princeton, New Jersey. This form can be obtained from most secondary school offices, or from the Admissions Office of Rollins College.

Scholarships are renewable providing the student maintains the necessary academic record and exhibits the qualities of character and leadership expected, and providing the need continues as determined on the basis of information shown in **The Parents' Confidential Statement**, which must be filed each year. Several types of scholarships are offered.

### HONOR SCHOLARSHIPS

The college annually awards a limited number of Honor Scholarships to outstanding students with superior academic records. These awards are made in amounts varying from \$200 to \$2,000 each, depending upon financial need.

At least one of these scholarships is designated as a "Florida Honor Scholarship" and is awarded to a student who has attended a Florida secondary school for not less than three years, including the senior year, and whose parents are legal residents of the state of Florida.

### ACHIEVEMENT SCHOLARSHIPS

Rollins College awards a limited number of Achievement Scholarships each year. These are given to students who have a strong academic record or who indicate talent in a special field such as music, drama, etc., who cannot pay the full fee at Rollins College. The stipend accompanying these scholarships varies according to ability and need. This

## Rollins College

award is divided between work opportunity and direct credit to the account of the student.

In appreciation of the loyal support that the residents of central Florida have given Rollins College, a limited number of Achievement Scholarships are awarded, designated as "Achievement Scholarships for Day Students." The stipend accompanying these scholarships varies according to ability and financial need. The conditions of award are the same as explained in the preceding paragraph.

### ENDOWED SCHOLARSHIPS

Endowed Scholarships have been provided as follows:

**Anna G. Burt Scholarship.** This scholarship is available to Florida girls and amounts to approximately \$400 annually.

**Edward S. Meyer Scholarship.** Available for an outstanding student, preferably one majoring in Modern Languages. Amount: approximately \$300 annually. This scholarship was established in 1941 through the generosity of the late Professor Edward Stockton Meyer.

**Caroline G. Plant Scholarship Fund.** To be awarded to outstanding students either in the form of scholarships or loans. Amount: \$1,150 annually. This fund was established in 1949 through the generosity of the late Caroline G. Plant.

**Hamilton Holt Scholarships.** To be awarded to outstanding students. Amount: up to \$1,000 annually. These scholarships have been established by donations in honor of Hamilton Holt, former president of Rollins College.

**Carolyn Hulbert Bassett Scholarship Fund.** Income from this fund is available for scholarship aid to needy students. This scholarship was established through the generosity of the late Carolyn Hulbert Bassett.

**Blanche Mallett Scholarship Fund.** The income from this fund is to be awarded as a scholarship to a woman student who is studying business and economics. This scholarship was established in 1956 by Mrs. Blanche W. Mallett.

**Mrs. Davis E. Fishback, Sr.—Mrs. John T. Galey Scholarship Fund.** The income from this fund is to be awarded to an outstanding and needy student in Fine Arts. This scholarship was established in 1958.



## **Admission and Expenses**

**Alice H. Southworth Fund.** The income from this fund is to be awarded to worthy students. This scholarship was established in 1957.

### **OTHER ENDOWED SCHOLARSHIPS**

The following endowed scholarships to be awarded to upperclass students in honor of donors to the endowment fund of the college:

**The Chase Scholarship**  
**The Hall Scholarship**  
**The Mark Scholarship**  
**The Scott Scholarship**  
**The Burleigh Scholarship**  
**The Pearsons Scholarship**  
**The Angier Scholarship**  
**The Wyeth Scholarship**  
**The Palmer Scholarship**  
**The Duval Scholarship**  
**The Worthington Scholarship**

The amount of each scholarship is \$50 annually.

### **OTHER SPECIAL SCHOLARSHIPS**

**The Theodore Clarence Hollander Scholarship.** The Theodore Clarence Hollander Co-operative Scholarship Committee of the Permanent Charity Fund, Incorporated, Boston, Massachusetts, offers an annual scholarship to be awarded to an outstanding student, preferably one coming from the vicinity of Boston, Massachusetts. This scholarship is on a co-operative basis and is to be awarded to a student who is earning a part of his college expenses.

**The University Club Scholarship.** Rollins College, through the co-operation of the University Club of Winter Park, Florida, will offer, during 1961-62, a scholarship of \$1,400.

**The Presser Music Scholarship.** Funds have been made available by the Presser Foundation for scholarship awards to outstanding students who are majoring in music. These are primarily for students who are preparing to become teachers of music.

**The Rollins Student Association Scholarship.** In order to make it possible for an outstanding graduate from a local

## **Rollins College**

high school to attend Rollins College, the Student Association of the college is offering a \$500 scholarship for the academic year 1961-62 to a qualified high school senior.

### **DEFERRED PAYMENTS**

The college predicates its budget on the assumption that all fees and expenses will be paid promptly and in full on the dates outlined in this catalog. Parents or students who find it essential to discuss any variation in the stated terms or dates of payment should take the matter up in writing with the College Cashier in ample time to have any proposed change officially reviewed before the stipulated date of payment arrives. In such cases there is an arrangement available through Tuition Plan Inc. whereby a portion of the fees may be paid in monthly installments.

### **LOANS TO STUDENTS**

The college has a number of loan funds from which loans may be made to qualified students. If a student who has been granted a loan transfers to another institution, the loan must be paid in full before the student will be granted an honorable dismissal from Rollins College.

Funds have been made available to the college from the National Defense Student Loan Fund for loans to qualified students who must borrow money to continue their education at Rollins. Information regarding such loans is available at the Cashier's Office.

### **SPECIAL REGULATIONS**

Boarding students who receive scholarships or other aid on the basis of financial need are disqualified from receiving such scholarships or aid if they own or maintain an automobile on the Rollins campus unless authorized for business or similar purposes.

For further information regarding financial aid to students, address Miss Chloe M. Lyle, Rollins College, Winter Park, Florida.





Student Production "Playboy"





Sailing Instruction



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# *The Rollins Standard*

## **CONDUCT OF STUDENTS**

We at Rollins are concerned with the learning that takes place on the campus through our classrooms, our religious activities, our social functions, and all other opportunities for interpersonal and intellectual relations.

The faculty has been entrusted and charged by the Board of Trustees with all matters pertaining to the order, instruction, discipline, and curriculum of the college. It is responsible for the maintenance of good order and discipline within the student body, and for the authorization and enforcement of needed rules and regulations. The faculty, in turn, has delegated most of the specific responsibilities for these matters to the Dean of the College and to the Student Deans.

As part of the over-all educational program on the campus, students are encouraged to assume responsibility both for group and for individual behavior. However, any student who makes himself an undesirable citizen of the campus or community because of unsocial or irresponsible acts or because of his general attitude may be warned, placed on probation, advised to withdraw, be suspended, or be dismissed from college, as the conditions warrant. Specifically, a student may be advised to leave or may be dismissed from college without particular charges if, in the opinion of the administration, his attitude or conduct is incompatible with the best interest of the college.

## **CLASS ATTENDANCE**

Because the class period is important and discussions cannot be reproduced, absences cannot be "made up." It is for this reason that Rollins has no "cut" system. Prompt and regular attendance at all classes is required. A student who is repeatedly absent from classes without permission from his instructors may be placed on probation or may be required to withdraw from the college.

Each student is held responsible for all absences from



## **Rollins College**

classes. When a student is absent, it is his responsibility to arrange with his professor to make up the work deemed necessary. In this respect there is no differentiation between excused and unexcused absences. If a student is not in attendance at class, he is marked ABSENT.

Absences immediately before or after a holiday or vacation are considered a violation of the attendance policy. Disregard of these rules will make the student liable for suspension or probation.

### **ACADEMIC WARNING AND PROBATION**

Academic warning and probation are not to be considered as punishment, but are intended to give the student opportunity and encouragement to achieve and maintain good academic standing. In order to protect the academic standards of the college, warning and probation also serve as notice to the student and to his parents or guardian that dismissal may result from failure to improve his academic record.

A student may be placed on academic probation whenever his record endangers his reasonable progress toward a degree according to standards established by the Academic Standing Committee. If in the opinion of the Committee it is in the best interests of the student, a term of academic warning may be substituted for the first term of probation. The Committee considers each student's total record before setting up individual regulations to be followed by the student who is placed on academic warning.

If a student on academic warning does not show satisfactory progress and achievement by the end of the term, he is usually placed on academic probation. A student on academic probation is not in good standing and may not represent the college in extracurricular activities, own or operate a motor vehicle, or hold a scholarship. The student may be asked to abide by additional regulations determined by the Committee. A student who has been placed on warning or on probation for unsatisfactory academic standing must complete one term with a satisfactory record **after** being removed from warning or probation before being eligible for initiation into a fraternity or sorority.

## The Rollins Standard

If a student on academic probation does not show satisfactory progress and achievement by the end of the term, he is usually dismissed from the college. A student with a previous record of academic warning or probation who fails to maintain the standards established by the Committee may be placed on probation or dismissed without further period of warning or of probation.

**Academic Standards.** A student is ordinarily placed on academic probation under the following conditions:

- (1) If in any term his academic average for that term is substantially below C-
- (2) If at any time his cumulative academic average below C jeopardizes his normal progress toward eligibility for graduation.

In applying this condition, a graduated scale is used. A freshman may remain in satisfactory academic standing if his cumulative academic average is slightly below C-; a sophomore slightly above C-; a junior slightly below C; a senior must maintain a cumulative average of C.

A student who fails to attain a satisfactory academic standing after a term of academic probation will be considered for dismissal from the college.

As a matter of general policy, the probationary period for a freshman will be extended to the end of his first year if such extension appears to be in the best interests of the student. Such consideration, however, will not be granted to a freshman whose record discloses a lack of aptitude or a flagrant neglect of work.

**Removal from Academic Probation.** A student on academic probation will ordinarily be removed from probation if in the next succeeding term he carries a normal academic load and substantially remedies the deficiencies for which he was placed on probation.

### SOCIAL PROBATION

As stated elsewhere in the catalog, a student who makes himself an undesirable citizen of the campus or community because of unsocial or irresponsible acts or general attitude may be placed on social probation.



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A student on social probation may not represent the college as a member of any athletic team, in an extracurricular dramatic production, or in any other way. He is not eligible to hold any college or fraternity office, to participate in any public or intramural activities, to receive financial aid of any sort from the college, or to own or operate a motor vehicle.

While on social probation, a student must comply with any additional restrictions outlined for him by the Student Deans or the Student-Faculty Discipline Committee.

### **TRANSFER STUDENTS**

Transfer students must meet all of the Rollins requirements if they expect to graduate from Rollins. (See pages 23 and 24, Admission, for further details.)

### **WITHDRAWALS**

A student withdrawing from the college is expected to have his parents or guardian write a formal letter of withdrawal to the Dean of the College, preferably prior to withdrawal.

### **MARRIAGE**

In order to remain in good standing at Rollins College, students planning to be married will advise the Student Deans and have the consent of their parents (if they are not of legal age) prior to the wedding. The college discourages elopement. It is not responsible for refunding any portion of the boarding charge to students who become day students because of marriage during the academic year. The college does not operate any housing facilities for married students.

### **REGISTRATION**

Students must present themselves for registration on the days that are assigned for that purpose. Completion of registration **after** the regularly appointed period subjects the student to a fine of \$5.

### **CHANGE IN REGISTRATION**

Any change in registration must be made during the first week of the term. Approval of changes later in the term will be granted by the Dean of the College only to meet circumstances beyond the control of the student.

## The Rollins Standard

### DROPPING WORK

Work for which a student has once registered may not be dropped except by formal permission of the adviser, the instructor, and the Dean or Registrar. Drop cards may be secured from the Registrar's Office. A course dropped after the first week of classes in any term is recorded as W if the work to date is passing, or WF if failing, on the student's permanent record. WF is included in computing a student's average. A course abandoned without permission is recorded as a failure.

### EVALUATION OF THE STUDENT'S WORK

Although the college stresses the importance of academic achievement, it believes that other factors also contribute to educational progress and that these in turn should be reflected in the development of the whole person. To this end, a rating sheet is used. A copy of this report is sent to the parent as well as to the student at the end of each term. The rating sheet is reproduced below.

DEPT.	COURSE CODE	TERM	YEAR
INSTRUCTOR'S SIGNATURE		COURSE GRADE	ABSENCES
STUDENT'S NAME			
ANALYSIS OF GRADE		A	B
		C	D
		E	F
STUDY HABITS			
CONTRIBUTIONS TO DISCUSSIONS			
WRITTEN WORK			
TESTS			
ABILITY TO EVALUATE NEW IDEAS CRITICALLY			
RESPONSIBILITY			
READING ABILITY			
USE OF WRITTEN ENGLISH			
SPEAKING ABILITY IN CLASS			
A—OUTSTANDING		D—MINIMUM PASSING	
B—VERY GOOD		E—CONDITION	
C—SATISFACTORY		F—FAILURE	
		W—WITHDRAW PASSING	
		WF—WITHDRAW FAILING	
		P—PASSED	
REMARKS			



## Rollins College

This report card is based on the following principles:

(a) The evaluation of a student should be an appraisal of his desirable habits and qualities of character as well as of his academic achievement.

(b) The report should be an individualized evaluation. The goal at Rollins is the education of the **individual**. This is achieved by regarding each student as an **individual**. Hence the report card provides for individualized grading. It also offers an opportunity to evaluate many habits and traits of character.

The instructor records letter grades and any other evaluations he feels should be made.

Grade A is reserved for work that is exceptional in quality, for work showing keen insight, understanding, and initiative well beyond the requirements of the course. This grade cannot be earned solely by conscientious preparation of assigned work or by high grades on tests.

Grade B is given for work that is consistently superior, for work that shows interest, effort or originality that lifts it well above the average. Conscientious preparation of assigned work alone does not merit B; the grade is a recognition of quality.

Grade C is a respectable grade. It is the minimum grade required for graduation. It assumes regular attendance at class, punctuality, consistent preparation of work day by day, and completion in a satisfactory manner of all work required in the course.

Grade D is an unsatisfactory grade. It earns credit but no quality points. It is below the standard necessary for meeting graduation requirements.

Grade F is failing.

For each term hour of credit, letter grades are assigned quality points as follows:

Grade	A	9	quality	points	Grade	C	4	quality	points
"	A	-8	"	"	"	C	3	"	"
"	B	+7	"	"	"	C	-2	"	"
"	B	6	"	"	"	D	+1	"	"
"	B	-5	"	"	"	D	0	"	"

For each term hour of E, two points are deducted, and for each term hour of F, three points are deducted.

A grade of E means "conditional passing." It may be

## The Rollins Standard

assigned in the first term of a course that continues through two terms, or the first or second term of a course that continues through three terms. A student receiving E in the earlier part of a course will have that grade changed to D if he passes the subsequent portion of the course, the grade will be changed to F if he fails the subsequent portion and if the grade E has not been validated within two terms after it is given, the grade will be changed to F.

A grade of I, indicating that the work of a course is "Incomplete," may be assigned only when circumstances beyond the control of the student, such as illness or necessary absence from the campus, have made it impossible for the student to complete the work of the course within the normal period. A specific statement of the circumstances warranting the "Incomplete" grade is made on the grade card under the heading **Remarks**. The student receiving a grade of I must complete the work of the course and have a regular letter grade assigned for the course within the next succeeding term of residence in the college. Failure to complete the course within one term will result in the assignment of a grade of F.

The section in the report card entitled **Remarks** is used for comment on significant interest, limitations, merits, general co-operation toward the objectives of the college, and particularly for advice to students and parents as to how they can co-operate in overcoming any weakness that is noted.

If, in the opinion of the instructor, the student needs more work in a certain field, or would not profit by more work in this field, or is in the wrong major field, this is specifically noted under **Remarks**.

### REQUIREMENTS FOR GRADUATION

In order to be eligible for the Bachelor of Arts, Bachelor of Science, or Bachelor of Music degree, a student must fulfill the following requirements:

1. **Residence Requirements.** The entire senior year (i.e., the last 45 credits leading to the bachelor's degree) must be taken at Rollins College. For special requirements in co-operative programs with other colleges or universities see pages 53, 54, 55, 56, and 57.



## Rollins College

2. **Grade Requirement.** A student must have a minimum academic average of 3:00 (C) for all courses taken at Rollins. For an explanation of grades and scholastic requirements, see pages 40 and 41.

### 3. Credit Requirements:

**Total Hours.** Completion of 192 credits of academic work and two years (6 terms) of Physical Education.

**Distribution Requirements.** (For explanation see page 43)

	Credits:
(1) English composition and literature	15
(2) Foreign language	0-25*
(3) Courses selected from the following group:	15
Economics	Philosophy
Geography	Psychology
Government	Sociology and Anthropology
History	
(4) A one-year course selected from the following group:	15
Biology	Geology
Chemistry	Physics (or Astronomy)
(5) Courses selected from the following group:	15
Art	
English (beyond distribution requirement 1 above)	
Foreign language (above 200 level)	
Music	
Philosophy (if not selected in 3)	
Religion	
Theatre Arts	
(6) Courses selected from major field and electives	108-132
	<hr/>
	192
(7) Physical Education	6 terms
(8) All students must complete a minimum of 64 credits in 300- and 400-level courses and must take at least 25 credits at the 300- and 400-level outside the major department.	

\*The Foreign Language requirement may be met in part or entirely by qualifying examination.

## The Rollins Standard

### Classification of Students

Sophomore standing	40 credits
Junior standing	90 credits
Senior standing	141 credits
plus satisfactory completion of 2 years of Physical Education	

**Explanation of Distribution Requirements.** In addition to the statements that follow, the student should read the departmental announcements that appear elsewhere in this Bulletin.

**Requirement 1, English Composition and Literature.** English 101-102-103 is required of all freshmen except a small group mentioned below. The purpose of this course is to develop two abilities that are among the essential qualifications of every educated person: the ability to write correctly, clearly, and effectively, and the ability to read literature with an appreciation of its meanings and its artistic qualities. By this means every student at Rollins is required to meet at least a minimum standard of literacy, and to this end every freshman who is enrolled in 101-102-103 must pass the Minimum Essentials Test of English Composition.

The small group of entering students who demonstrate superior abilities in English in their entrance examinations are permitted to substitute courses in literature or in creative writing for English 101-102. They must, however, enroll in English 103, in which emphasis is placed on the techniques of research and scholarly writing.

**Requirement 2, Foreign Language.** The college feels that all of its graduates should have some acquaintance with a foreign culture through the study of its language. Every student, therefore, is required to achieve some proficiency in a foreign language. Interested students are urged to elect further work in either advanced foreign languages or Area Studies. Students who have studied a language in secondary school are advised to continue the study of the same language. All students who are to continue in college the study of the foreign language they began elsewhere will be given a placement test during orientation week. The language requirement can be met in the following ways:

- (1) Students whose score on the placement test shows



## Rollins College

an achievement equivalent to the satisfactory completion of a second-year college course will be excused from further language study.

- (2) Other students will be placed in the first-year or second-year course according to their level of achievement as shown by the examination, and they must continue the study of the language through satisfactory completion of the second-year course. (201, 202, 203).
- (3) Students who begin the study of a new language in college must complete two full college years of the language.

**Requirements 3, 4, 5, Group Requirements.** During their first two years students are usually required to obtain 45 credits distributed equally among the humanities, the laboratory sciences, and the social studies. These requirements, which are an essential feature of the Rollins Program, assume that students shall have a broad education before specializing in their major field during their junior and senior years. The requirements are also designed to help students decide, if they have not already done so, which field they should choose for their major.

**Requirement 6, Major and Electives.** Before the end of his sophomore year at Rollins, the student chooses a major, or field of concentration. The majors or pre-professional programs have two general purposes: (1) to give the student a sense of mastery in a particular field, and (2) to prepare him for an occupation. Quantitatively, a student must take, on the average, one-third of his courses in a specific field, with a majority of them in his junior and senior years. Ordinarily, the major will, therefore, include 45 or more credits in the subject chosen, some of which must be earned in 400-level courses. The student works out his preparation for his major program with the assistance of his adviser and of the members of the department in which he specializes.

In special cases, with the approval of the adviser, the Dean of the College, and the departments concerned, a student may major in two fields, meeting the full requirements of each or taking departmentally approved reductions in both departments.

## The Rollins Standard

Since a majority of the student's courses during his first two years are outside his major field and since he is required to take at least 25 credits at the 300- and 400- level outside the major department, the student not only gains a broad and deep understanding of one field of study, but also receives a satisfactory liberal education.

**Requirement 7, Physical Education.** Two years of physical education, unless excused for medical reasons, **are required** of all students for graduation. A satisfactory grade must be achieved. Each student carries the required physical education course regularly through each term of the first two years. Any student who fails to complete this requirement with satisfactory grades by the end of the third year will be liable for probation or dismissal.

**Requirement 8.** This requirement ensures that all students obtain an adequate number of credits in advanced level work, and that a reasonable proportion of these credits are obtained in fields outside the student's major field.

**Course Load.** A full term load is defined as 15 to 18 credits. Any student registering for more than 18 or fewer than 15 credits must have the program approved by his adviser and by the Dean of the College or the Registrar. Freshmen and sophomores usually register for three five-credit academic courses and one physical education activity each term.

Except in unusual circumstances, the distribution in English, Foreign Language, and courses selected from Requirements 3, 4, and 5 should be met during the first two years. In no case may they be deferred beyond the end of the third year.

Advanced courses may be taken to satisfy a requirement if the student is qualified to take such work.

## *Honors Program*

**The purpose of the Honors Program is threefold:**

1. To grant recognition for unusually high academic achievement and promise of intellectual and personal leadership.
2. To afford students having such qualities the oppor-



## Rollins College

tunity of programs for individual study in addition to their regular courses, from their entrance as freshmen through their senior year.

3. To provide seniors with the opportunity to be graduated with honors.

**The Honors Program consists of two parts:**

### **INDIVIDUAL READING PROGRAM**

The term "Reading" is used in a broad sense to include laboratory projects, art projects, field works, etc.

Eligibility for reading for honors is earned as follows:

1. Each year a small number of entering freshmen is selected for **Honors at Entrance** in recognition of outstanding scholarship in their secondary school work. Freshmen so selected may have the privilege of reading for honors during their first college term. To introduce these students to the college early in their careers, certificates will be presented at the first Convocation each fall.
2. Similarly, all students who earn and maintain an average of 7.00 at Rollins are also eligible to participate in the Reading Program.

The Individual Reading Program is planned under the guidance of an honors sponsor, who is selected by the student in consultation with his adviser. This program must be approved by the Committee on Honors Work. The sponsor has full responsibility over the program but may ask some other members of his department or related departments to supervise some parts of it.

The student may receive one to three hours' credit per term for approved reading but may not accumulate more than seven hours' credit during the year. Once a term's program has been approved, it cannot be dropped except by permission of the sponsor, the adviser, and the Dean.

Students who have earned and maintained an average of 7.00 and who have completed at least one term in the Individual Reading Program are designated **Rollins Scholars**.

### INDIVIDUAL INDEPENDENT STUDY FOR HONORS AT GRADUATION

Rollins Scholars are invited at the end of the second term of their junior year by the Committee on Honors Work and the major department to engage in independent study for Honors at Graduation. An approved plan of independent study may be begun in the third term of the junior year but cannot be begun later than the beginning of the second term of the senior year. A thesis must be presented within two weeks after the beginning of the final term of the senior year. It must be typewritten, with an original and two carbon copies. The original is filed in the college library; one copy goes to the department files, the other is returned to the student.

Rollins Scholars who are candidates for graduation with distinction take final examinations, which include one or more written examinations in the major field and an oral one in the special field of the honors thesis. The Graduate Record Examination will be used if there is such an examination in the student's major field. The oral examination is conducted by a special Committee appointed by the Dean of the College, consisting of members of the major department and two members of other departments. One or more members of the Committee on Honors Work will be present at this examination.

The program of individual study for Honors at Graduation carries a minimum of five hours' or a maximum of ten hours' credit during the senior year. Progress reports from the department are filed with the Registrar at the end of each term.

Seniors participating in Individual Study for Honors are designated at graduation as follows:

**Graduation with Distinction**—A cumulative average of 7.50 and recommendation of the Committee.

**Graduation with High Distinction**—A cumulative average of 7.80 and recommendation of the Committee.

**Graduation with Highest Distinction**—A cumulative average of 8.10 and recommendation of the Committee.



### **Rollins College**

A student who has not done independent study for Honors but whose general average is high may be awarded his degree with distinction. The requirement for this honor is an average for all courses of not less than 8.10.



Evening Get Together





Academic Procession

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# *The Rollins Curriculum*

## **NUMBERING OF COURSES**

In the numbering of courses the following system is used: courses open to freshmen and sophomores are numbered from 100 to 299; those open primarily to juniors and seniors are numbered 300 and above. The term is indicated with the letter: f, fall; w, winter; s, spring.

Many courses are offered in one-term units; however, in some cases two or more terms constitute a unit. The presence of a hyphen between the term numbers, i.e., 101f-102w-103s, indicates that all parts of that particular course must be taken as a unit. **No credit will be allowed for the completion of part of a course.**

The presence of a comma between the term numbers, i.e., 101f, 102w, 103s, indicates that any term's work in the course may be taken separately, provided that the prerequisites have been met. When course numbers are repeated and separated by a semicolon, the course is repeated, i.e., 101f; 101w. Where courses are given in alternate years, the year in which the course is given follows the course description.

## **CREDIT PER COURSE**

The number of credits given for each course is listed after the description of the course. Five-credit courses usually meet five times a week. Two-credit courses may meet once a week. All credit is **term** credit, which can be translated into **semester** credit as follows: one term credit equals two-thirds of a semester credit; one semester credit equals one and one-half term credits.

## *Specialized Training*

### **TEACHER EDUCATION AND CERTIFICATION**

Rollins College offers a major in Elementary Education for those planning to teach in elementary schools. Those preparing to teach in secondary schools may major in the



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subject they desire to teach, and as part of their elective work may select courses in Education.

Requirements for teacher certification in Florida are divided into three categories: General Preparation, Professional Preparation, and Specialized Preparation. Other states have similar requirements, which can be ascertained from the Registrar or from the Education Department at Rollins.

The courses in General Preparation that are required for the Florida Certificate include a minimum of fourteen courses or their equivalent divided among the following fields, with a minimum of two 5-credit courses and a maximum of four 5-credit courses in each field:

**Arts of Communication** (Minimum requirement: nine term hours in English composition, rhetoric, and grammar. Speech and foreign language may also be counted.)

**Human Adjustment** (Health, physical education, psychology, religion, philosophy, logic, ethics, nutrition, problems of living in home and family, and community living.)

**The Biological and Physical Sciences:** Mathematics (In no case may the entire field be represented by mathematics.)

**The Social Studies** (At least two of the following: geography, history, government, sociology, anthropology, and economics.)

**Humanities and Applied Arts** (At least two of the following: literature (English, American, and World), literature written in a foreign language, technological arts, constructive design and fine arts, music, and philosophy.)

In the Professional Preparation the course requirements in **Education** include **Practical Experience in Teaching** (Educ. 414-415-416), two 5-credit courses in **Foundations of Education** (Educ. 204 or Educ. 351 and Educ. 233), two 5-credit courses in **Teaching in the Schools** (Educ. 324, or Educ. 404 and Educ. 411), and a 3-credit course in **Special Methods** (Educ. 417, English 401, For. Lang. 417, Math. 304, or Educ. 409).

For the Specialization Requirements for elementary

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school teachers or for secondary school teachers, and for the special requirements in other states, the Registrar or the Education Department should be consulted as early as possible in the college course.

### **CAREERS THROUGH ROLLINS**

Co-operative agreements between Rollins College and certain universities make it possible for students to shorten the time of preparation when their academic ability and performance meet the requirements of the professional school concerned. This is an advantage for the student who wishes to have a liberal arts foundation for his later specialization. Such a foundation is preferred by employers, and is recommended by many professional schools in technical and professional areas.

Most college students complete the full four years that are usually required for the Bachelor of Arts or Bachelor of Science degree and then enter professional training, where two to four additional years are required. Rollins students who qualify, however, may avail themselves of one of the co-operative or accelerated programs outlined below. In most instances, it will be noted, the student receives his bachelor's degree from Rollins after successfully completing his first year at the co-operating institution. Students who wish to qualify for one of these programs (Master of Arts in Teaching excepted) should consult their adviser probably by the beginning of their sophomore year.

### **ENGINEERING**

#### **Columbia University School of Engineering**

Students who wish to obtain a Bachelor of Science degree in Engineering from the Columbia University School of Engineering in addition to the Bachelor of Science from Rollins College may enter Rollins and, after following successfully a course of study approved by both schools, may transfer to Columbia at the end of three years. After meeting the graduation requirements of both institutions he is granted the appropriate degree from each.

#### **Massachusetts Institute of Technology**

Students who wish to obtain a Bachelor of Science in



## **Rollins College**

Engineering degree from the Massachusetts Institute of Technology in addition to a Bachelor of Science degree from Rollins College may follow a program at Rollins for three years that has been agreed upon by both institutions. Successful completion of this program will enable the student to apply for transfer to M.I.T. to complete the work for the Bachelor of Science in Engineering degree, usually in two more years. The exact time will depend upon the student's studies before going to M.I.T.

### **New York University**

Rollins College has also entered into an agreement with New York University. Under this program, students attend Rollins for three years and New York University for two years. They earn two degrees, the Bachelor of Science from Rollins College and the Bachelor of Engineering from New York University. The program at Rollins includes basic courses in the liberal arts field and concentration in mathematics and physics. At the end of three years the student will have an opportunity to choose among eight branches of engineering.

## **FOREIGN SERVICE**

### **Edmund A. Walsh School of Foreign Service, Georgetown University**

Students who would like to follow a course of study leading not only to a bachelor's degree in the liberal arts but also to the degree of Master of Science in Foreign Service may apply for admission to the co-operative program carried on by agreement between Rollins College and Georgetown University. Under this agreement, students attend Rollins College for their freshman, sophomore, and junior years. The senior year is spent at the Edmund A. Walsh School of Foreign Service at Georgetown University in Washington, D. C. A fifth year of studies is then taken at the Georgetown University Graduate School. By this arrangement, successful students receive their Bachelor of Arts degree from Rollins College after one year at Georgetown University. Upon completion of the second year at Georgetown, they receive the degree of Master of Science in Foreign Service from that University. Thus, participating students

## **The Rollins Curriculum**

may receive two degrees in five years. The program is intended to qualify graduates to enter the Foreign Service of the United States.

### **FORESTRY**

#### **Duke University School of Forestry**

Upon successful completion of a five-year co-ordinated course of study, a student may earn the Bachelor of Science degree from Rollins College and the professional degree of Master of Forestry from Duke University. The student electing this curriculum spends the first three years in residence at Rollins and the last two at Duke University, pursuing the professional forestry curriculum of his choice.

### **LAW**

It is possible for selected students to plan their studies at Rollins so that they can qualify for both the Bachelor of Arts degree from Rollins and the Bachelor of Laws degree from certain law schools within a period of six years. This necessitates careful planning by the student of the three years of study at Rollins College in order that all distribution and other general requirements are fully completed. Students who wish to pursue this plan should inform their advisers as early in their college course as practicable.

#### **Duke University School of Law**

Selected students who wish to obtain a Bachelor of Law degree from Duke University in addition to the Bachelor of Arts degree from Rollins College in six years may be admitted to the Duke University School of Law upon the successful completion of a special three-year curriculum at Rollins. They will be eligible to receive the Bachelor of Arts degree from Rollins College after receipt of a transcript showing that the first year of study in the law school has been successfully completed.

#### **Stetson University College of Law at St. Petersburg**

Students who desire to complete both liberal arts and legal education in a period of six years instead of seven may apply for admission to the co-operative program agreed upon between Rollins College and Stetson University College of Law at St. Petersburg, Florida. They earn both Bachelor of Arts and Bachelor of Law degrees.



## **Rollins College**

### **MEDICAL TECHNOLOGY**

The growing field of Medical Technology offers a rewarding opportunity for both men and women who may desire to aid the sick in a specialized way or who cannot afford the long training needed to become a doctor. Three years of college are now required with an additional year of training in one of the schools approved by the American Medical Association. Rollins offers the required basic courses in all fields and the B. S. degree upon completion of the year of study in a school of Medical Technology approved by the college.

The basic course at Rollins would include a minimum of Biology (24 credits), Chemistry (30 credits), Math (5 credits for less than 4 years of high school math), other science courses (15 credits) which should include Physics, if not taken in high school.

In addition the student would be expected to meet the distribution requirements, except for number 8 (See page 42).

### **MEDICINE**

#### **Duke, Tulane, and Vanderbilt Universities**

Qualified students who wish to enter medical school after three years at Rollins and receive the Bachelor of Science degree from Rollins after successfully completing the regular first year in the medical school may apply to the Committee on Pre-Medical Education. Medical schools in three universities, Duke, Vanderbilt, and Tulane, will receive selected Rollins students for this accelerated program.

### **DENTISTRY**

The Council on Dental Education prescribes that the pre-professional requirements be met in an accredited liberal arts college. Rollins is accredited and gives the required courses in English, biology, physics and chemistry. Many Rollins students enter Dental School. Students interested in this specialization may make their preparation for this profession at Rollins with full confidence that entrance requirements will be adequately met. However, no exemption is granted from the usual liberal arts requirements.

## MASTER OF ARTS IN TEACHING

### Duke University

Supported in part by a grant from the Ford Foundation to Duke University, this program is designed to prepare those selected college graduates for a teaching career who did not prepare professionally for their teacher certifications as undergraduates. The program provides professional courses, carefully supervised teaching experience, and graduate study in special fields. The student who completes the program successfully achieves within fifteen months a year of teaching experience, and earns his Master of Arts in Teaching degree and full certification as a teacher. For particulars about scholarships for this program, which at present are very substantial, interested candidates may confer with the senior professor of education.

### OTHER CAREERS

An excellent foundation for advanced study may be acquired at Rollins College in chemistry, church vocations, English, geology, history, mathematics, music, physics, psychology, sociology and anthropology, and social work. Rollins courses provide an excellent background for teaching in a college or university, or entering a specialized career in research, public service, or industry.

## *Majors*

Rollins College students may choose any of the following fields in which to concentrate.

### Fields leading to the degree of Bachelor of Arts:

Art	General Science
Business Administration	History and Government
Economics	Human Relations
Elementary Education	Music
English	Philosophy
Foreign Language	Pre-Legal
French	Psychology
German	Sociology and Anthropology
Russian	Theatre Arts
Spanish	



## **Rollins College**

### **Fields leading to the degree of Bachelor of Science:**

Biology	Mathematics
Chemistry	Physics
Geology	Pre-Medical

### **Fields leading to the degree of Bachelor of Music:**

Choral Conducting	Organ
Composition	Voice
Instrumental	Music Education
Piano	
Violin	
Violoncello	

A student is expected in the first two years to do the introductory work in his major subject which will give him the fundamental knowledge necessary for advanced work. He should consult his adviser in regard to this work. The major will normally include 45 or more credits in the subject, including some 400 courses.

The major will be arranged to fit individual needs as far as possible within the limits of the established general and major requirements.

### **COMBINED MAJOR**

A student may elect a combined major made up of courses from two or more departments, if in the judgment of the adviser and the Dean such proposed major has coherence and depth and better meets the needs of the student than do any of the regular majors offered.

A combined major must be approved by the departments concerned. A combined major from two departments will normally require approximately two-thirds of the courses required in the regular major of each department.

## *Courses of Instruction*

### **AREA STUDIES**

Rollins College also offers courses in Area Studies that cover the history, geography, anthropology, art, literature, and current social, political, and economic problems of an area, particularly as these problems affect relations with the United States. The first of these studies was offered in 1957-58 in the Latin American Area, which was particularly appropriate because of the college's

## The Rollins Curriculum

long-time interest in that part of the world. The course is elective, and studies in other areas will be offered in the future.

### 311f-312w-313s. Latin American Studies

A study of Latin America, with emphasis on an understanding of modern economic, social, and political problems of its countries and including background work in the history, social patterns, and geography. Fall: Past and Present Social Patterns; winter: Geography and Economic Problems; spring: Latin American Literature and Art. The course includes a survey of political history during part of each term.

Two field trips are offered in this course: one during the Thanksgiving vacation to Chichen Itza, Uxmal and other remarkable ruins of the great Mayan Empire in the Yucatan peninsula of Mexico; the other field trip is in the spring, to St. Augustine — oldest (1565) permanent settlement by Europeans in the United States. Parents of students in the course and other students and faculty of Rollins are invited to participate in these field trips.

Casa Iberia, the Inter-American Center, serves as a laboratory for the Latin American Area Course. Among its activities is the Cafezinho Book Review Series on Saturday mornings designed to interpret selected writings in the fields to which this course is related. 5 credits. With directed reading in appropriate topics in the Spanish language (especially for Spanish majors, but also for other qualified students.) 1 or 2 additional credits.

Hanna, Goubaud, L. Gleason, Momsen

## Art

GOUBAUD, MCKEAN, ORTMAYER, PETERSON, RENZ

A major in art requires broad fundamental training in the various phases of art expression. The student should have a thorough understanding of fundamental art principles. He should be able to analyze individual art problems, and suggest a logical plan for their solution. Emphasis on creative thinking is the aim of the department's program.

Students may choose between Creative Art and Art History. The student who specializes in Creative Art must schedule the three-term course in basic principles (131-132-133) and 10 credit hours each of painting, sculpture, and design as prerequisites for advanced work. He must then take 15 credit hours of advanced work in Creative Art and three advanced courses in Art History.

Recommended electives:

Aesthetics

Music

History

Literature

The student who specializes in Art History must schedule the three-term course in basic principles (131-132-133), two survey courses in Art History (219, 267), one course in Philosophy, and 10 credit hours in Creative Arts of his own choosing. Advanced study consists of five advanced courses in Art History and one course in Aesthetics.

Recommended electives:

History

Psychology

French or German



## Rollins College

Students interested in a combined major in Creative Art and Theatre Arts should consult an adviser in one of these departments.

### **101w-102s. Introduction to Art and Artists**

A general introduction to the visual arts. Works of architecture, sculpture, and painting are studied through illustrated lectures and discussions. Class work is supplemented by outside reading and reports. Open to all students. 2 credits. Renz

### **131f-132w-133s. Principles of Art**

A basic practice course in the theory and application of color and design fundamentals, including drawing and construction in space. Open to all students; required of majors. 5 credits. Peterson

### **151f, 152w, 153s. Elementary Sculpture**

A short course in fundamentals of sculpture. No previous training required. Open to all students. Four hours of class per week. 2 credits. Ortmayer

### **219f. A Survey of the Arts of Ancient Civilizations**

Deals with the visual arts of the Stone Age, paralleled by art of modern primitive civilizations.

The development of the architecture, sculpture, and painting of Assyrian, Babylonian, and Egyptian civilizations.

The artistic problems and styles are studied in relation to religious, political, and social conditions of life.

5 credits (1962-63)

Silins

### **231f, 232w, 233s. Painting**

Intermediate-level studies in the problems of still life, landscape and figure painting, employing water tempera, oil, and various drawing media.

Prerequisite: Principles of Art or consent of the instructor. 5 credits.

Peterson

### **254f, 255w, 256s. Elementary Sculpture**

Basic problems in modeling and carving. No previous training required. Open to all students. Six hours of class per week, 3 credits, or ten hours of class per week. 5 credits.

Ortmayer

### **267f. Medieval Art and Architecture**

A survey of the world of the Middle Ages as reflected in the development of art. A discussion of the decline of the Classical civilization and the late Classical art, and the growth of a new Christian civilization; the inter-relations of art in the East (Byzantium) and the West. The relationship of art and art styles to social and cultural life are stressed. Romanesque and Gothic art are discussed from the aesthetic point of view, and are investigated as symbols of human life, beliefs, and ideas. Attention is given to the problems of the decline of the Medieval World. Open to all students. 5 credits. Silins

### **271f, 272w, 274s. Design**

Line, form, and color are studied in relation to practical design problems. 271 and 272 open to all students. Prerequisite for 274: three credit hours of design. Six hours of class per week, 3 credits, or ten hours of class per week, 5 credits. Goubaud

### **304f, 305w, 306s. Advanced Sculpture**

A continuation of elementary sculpture. Students work on projects of their own choosing. Prerequisite: 10 credit hours of sculpture or consent of the instructor. Six hours of class per week, 3 credits, or ten hours of class per week, 5 credits. Ortmayer

## The Rollins Curriculum

### 311w. Renaissance Art in Italy and Northern Europe

The roots and the main periods of the Renaissance are discussed. A comparison is made of the development of art in Italy and the North. Emphasis on problems of style in relation to the ideas and ideals of contemporary civilization. Prerequisite: one course in art history or consent of the instructor. 5 credits. Silins

### 313s. Baroque Art

A study of the problems of Mannerism and the sources of Baroque style. Various trends of the European Baroque art during the seventeenth and eighteenth centuries are discussed, and consideration is given to the influence of Catholicism and Protestantism on art. Prerequisite: one course in art history or consent of the instructor. 5 credits. (1962-63) Silins

### 321w. Nineteenth Century European Art

A survey of the development of architecture, sculpture, and painting in European countries since the French Revolution. Classicism and Romanticism, Realism and Impressionism are discussed as artistic trends in their relation to the existing conditions of culture and social life. Prerequisite: one course in art history or consent of the instructor. 5 credits. (1962-63) Silins

### 322s. American Painting: Nineteenth Century

A presentation and discussion of the main trends and tendencies of painting in America from Neoclassicism and Romanticism to the Armory Show. Emphasis is placed upon the development of the American School and the expressions of American life in art. Open to all students. 5 credits. Silins

### 323s. Contemporary Art

A study of the roots and development of the Postimpressionistic trends in art. Artistic problems and ideas of Aninaturalism, of expressive and abstract art studied as symptoms of the crises and deep changes in modern civilization, and in the structure of social and political life. Prerequisite: one course in art history or consent of the instructor. 5 credits. Silins

### 331f, 332w, 333s. Advanced Painting

Studies in several media, concentrating on the student's individual development. Prerequisite: 10 credit hours in painting and consent of the instructor. 5 credits. McKean

### 373f, 374w, 375s. Advanced Design

Selected problems in the application of design principles, using a variety of technical media, e.g., silk screen, enameling, mosaic. Prerequisite: 10 credit hours in design or consent of the instructor. Six hours of class per week, 3 credits, or ten hours of class per week, 5 credits. Goubaud

### 391f-392w-393s. Seminar in Museum Work

Practical training and discussion in the problems, techniques and procedures of museum operation. Open to junior and senior art majors. 2 credits. Renz

### 411f, 412w, 413s. Specialized Study in Painting, Sculpture, Design or Art History

Consent of the Art Department is required. 5 credits.

Staff



## Rollins College

### *Biology*

SCHEER, SHOR, VESTAL

Florida offers a unique opportunity for out-of-door study. The major in biology stresses (1) a broad understanding of the interrelationship of the local fauna and flora correlated with (2) the basic ideas and techniques associated with formal training in the laboratory. The course offers the broad basic background that is needed for the many opportunities available in botany, zoology, and conservation.

A student majoring in biology must take a minimum of 60 credits in the field, beginning with General Biology (104-105-106). Subsequent courses are scheduled in a sequence that, in the opinion of the major professor, best reflects the interests and needs of the student.

All students majoring in biology must have a knowledge of general chemistry and other fields of study that provide a broad cultural background. If graduate work is contemplated, the student is strongly urged to acquire knowledge of organic chemistry and modern physics, and a reading knowledge of German or French.

#### **104f-105w-106s. General Biology**

An introduction to the entire field of biology, designed to point up its significance to a general education as well as to provide a background for major work in the field. Evolution is used as the unifying principle. Open to all students. 5 credits.

Scheer, Shor, Vestal

#### **207f-208w-209s. Botany**

An intermediate-level course dealing with the facts and principles of plant life. Local flora are utilized as illustrative material to show relationships of the fields of forestry, horticulture, conservation, ecology, etc., to a fundamental knowledge of botany. Class, laboratory, and field work. Prerequisite: 106. 5 credits.

Vestal

#### **308f. Genetics**

A course dealing with the laws of variation and heredity. Textbook and laboratory work. Prerequisite: 106. 3 credits.

Vestal

#### **316s. Bio-Ecology**

The relation of organisms to their environment and the laws affecting their geographical distribution are studied. Special attention is given to local forms. Prerequisite: 106. 3 credits.

Vestal

#### **323f-324w. Comparative Anatomy**

Comparative morphological and embryological studies of the organ systems of the vertebrates. The course includes discussions, and dissection of representative types. Prerequisite: 106. 5 credits.

Shor

#### **327s. Developmental Anatomy of the Vertebrates**

A study of the orderly series of changes in form and function through which the initial germ of the individual is transformed into a sexually mature adult. Prerequisite: 324. 5 credits.

#### **328f. Bacteriology**

The application of bacteriology of household and sanitary sciences; bac-

## The Rollins Curriculum

terial diseases; classification of bacteria; identification of various types of bacteria. Prerequisite: 106. 5 *credits*.  
Shor

### 331s. Biology of the Algae

Attention is directed toward the morphological, taxonomic, genetic, and ecological aspects of the algae. Class, laboratory, and field work is included. Prerequisite: 209. 3 *credits*.  
Shor

### 343s. Phylogeny

A course designed to integrate those disciplines that contribute to present-day concepts of evolution. 3 *credits*.  
Staff

### 351f. Entomology

Studies in the general characteristics, metamorphosis, control, and economic importance of the principal families of insects. Field work in collection, preservation, and identification of representative Florida insects. Prerequisite: 106. 3 *credits*.  
Shor

### 355w-356s. Natural History of the Invertebrates

An upper-level course in which the invertebrate animals, exclusive of the insects, are studied in the class, laboratory, and field. Morphologic, ecologic, taxonomic, and evolutionary aspects are considered. A special study of mollusks is made in the spring term. Prerequisite: 106. 5 *credits*.  
Shor

### 363w. Conservation of Natural Resources

The course presents the principal biological concepts and techniques that contribute to the maximum use of our natural resources. Stress is placed upon the responsibilities of man as a vital yet dependent resource. Prerequisite: 106. 3 *credits*.  
Shor, Vestal

### 365w. Ornithology

Morphology, distribution, adaptations, ecological relations, and field identification are included in this study of birds. Prerequisite: 106. 3 *credits*.  
Shor

### 404f, 405w, 406s. Special Problems in Biology

Individual problems or special topics are selected for study, depending upon the interests and preparation of the students. For majors only. 3 or 5 *credits*.  
Shor, Vestal

### 436f-437w-438s. Biological Literature

Critical reading and discussion of important writings in biological literature. Prerequisite: two full years of biology or consent of the instructor. 3 *credits*.  
Shor, Vestal

### 461f-462w-463s. Modern Biology for High Schools

Workshop and studies relating to the modern trends in biology teaching at the secondary school level. This will be based on the programs developed by the Biological Sciences Curriculum Study and may include other materials developed by the Committee on Laboratory Innovations and the Committee on the Gifted Student. Prerequisite: permission of instructor. 3 *credits*.  
Vestal

## *Business Administration*

EVANS, HILLSINGER, KANE, MAGOUN, TIEDTKE, WELSH

The program for most majors in Business Administration includes the following:



## Rollins College

Business Mathematics (Bus. 201) or the passing of a test established by the Business Administration and Economics Department.

Principles of Economics (Econ. 211-212)

Principles of Accounting (Bus. 204-205)

Introduction to Statistical Methods (Bus. 208)

Business Finance (Bus. 307)

Principles of Marketing (Bus. 311)

Managerial Accounting (Bus. 314)

Business English (Bus. 317-318-319)

Business Law (Bus. 322-323)

Business Management (Bus. 409)

Plus three additional three-or-four-hundred-level courses in this or other departments, selected with the approval of the adviser.

### 201f; 201w. Mathematics of Finance

A study of simple and compound interest; discounts, annuities, bonds, and selected related topics. 5 credits. Welsh

### 204f-205w. Principles of Accounting

Principles of accounting as applied to business enterprises including analysis of transactions, making all types of original entry, posting, adjusting, summarizing, and the interpretation of statements. 5 credits. Evans

### 208f; 208s. Introduction to Statistical Methods

Analysis of sources and methods for collecting data. A study of frequency distributions, averages, measures of dispersion and skewness correlation, and sampling. The interpretation and presentation of results. Prerequisite: Bus. 201 or business mathematics test. 5 credits. Welsh

### 301s. Applied Statistics

Projects in the sources, uses, and application of statistics to management, industry, finance, marketing, and government problems. Introduction to advanced techniques in the preparation and critical appraisal of statistical reports. Prerequisite: 208. 3 credits. Welsh

### 304w. Production Management

A study of the principles of management applied to the productive processes. Topics include plant location and layout; material flow, storage, and control; standardization of operations through quantity and quality control systems; basic time and motion methods; development; diversification, and obsolescence of productive capacity; relation of the production function to other areas of management. 5 credits. Welsh

### 307f. Business Finance

Financial problems of the business firms. A survey of information and control; capitalization; long term and short term sources of funds; expansions, combinations, and reorganization. Prerequisite: one course in Economics or Bus. 205. 5 credits. Evans

### 308s. Fundamentals of Investments

Investment problems from the investor's viewpoint. The securities markets and their regulation. Evaluation of forecasting methods. Analysis of securities. 5 credits. Welsh

### 311f; 311w. Principles of Marketing

A basic course in principles and methods of marketing, and analysis of

## The Rollins Curriculum

the market structure. Movement of goods from producer to consumer, including marketing functions and institutions, channels of distribution, policies, costs, problems of creating demand, wholesaling, and retailing. 5 credits. Welsh

### 314s. Managerial Accounting

A study of the principles underlying the basic concepts of accounting, and the measurement of income, expenses, and valuation of assets. Accounting as a "tool" of management. Analysis and interpretation of financial reports from the viewpoint of management and investors. Prerequisite: Bus. 205. 5 credits. Evans

### 317f-318w-319s. Business English

Methods and mechanics of effective communication in business letters and reports; extensive practice. (Knowledge of typing advisable.) Business 319s will be open to Economics majors with the consent of the instructor. 2 credits. Magoun

### 322f-323w. Business Law

Basic principles of law relating to contracts, agency, bankruptcy, negotiable instruments, business organizations, personal and real property, labor relations, security for credit transactions, and trade regulations. 5 credits. Hunter

### 325w-326s. Personnel Management

Selection and training of employees; job analysis; work standards and labor productivity; merit rating and promotion procedures; wage determination; handling of employee grievances; worker morale; health and pension plans. Prerequisite: one course in Economics. 2 credits. Kane

### 335w. Federal Taxation

A study of federal taxes: income, estate, gift, social security and excise taxes. Emphasis is on income taxes. Prerequisite: Bus. 205. 5 credits. Evans

### 336w. Cost Accounting

A study of cost systems: job costs, process costs, etc. The nature and purpose of cost accounting in relation to management. Budgets, standard costs, preparation and analysis of cost reports. Prerequisite: Bus. 205. 5 credits. Evans

### 401f. Principles of Merchandising

The organization and operation of wholesale and retail establishments; trends in merchandising; management problems, and technique of merchandise control. Prerequisite: Bus. 311. 5 credits. Welsh

### 409f. Business Management

Methods and problems of the business world presented from the viewpoint of the businessman at work. This course emphasizes the continuity and unity of the problems of the business manager. It is useful to both women and men who contemplate working in the field of executive management. Prerequisite: Econ. 212, Bus. 314. 5 credits. Evans

### 421s. Market Research and Consumer Relations

Gathering, recording, and analyzing facts relating to the transfer and sale of goods and services from producer to consumer. The scope, value, and uses of market research in developing and testing new products and product preferences, market measurements, and research in market policy of selected industries. Prerequisite: Bus. 311. 3 credits.



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### 491f, 492w, 493s. Research Projects in Economics and Business

Independent research and reports on assigned topics. Prerequisite: permission of the instructor. 1 or 2 *credits*. Romita, Welsh

## Chemistry

CARROLL, HELLWEGE

For a major in Chemistry, the following courses are required:

General Chemistry (105-106-107) or Principles of Chemistry (110-111)

Analytical Chemistry (201-202-203)

Organic Chemistry (311-312-313)

Physical Chemistry (405, 406, 407)

General Physics (201-202-203)

Mathematics through Calculus (211-212-213)

Recommended course: General Biology (104-105-106)

Chemistry electives: at least four hours

If graduate work is contemplated, one or two years of German are essential.

### 105f-106w-107s. General Chemistry

A course of principles, theory, and laboratory practice designed for all students desiring to learn the fundamentals of chemistry. Prerequisite: a working knowledge of arithmetic and algebra. 5 *credits*. Carroll

### 110f-111w. Principles of Chemistry

An introduction to the study of the principles and laws of chemistry dealing with the structure of matter, chemical bonding, the behavior of gases, liquids, solids, classification of elements and compounds, solutions, ionization, colloids and the descriptive chemistry of some typical elements. Designed for students intending to major in chemistry, physics, and other sciences and for pre-medical students. Must be accompanied by Chemistry 201. Prerequisite: high school chemistry or approval of department. High school physics is also desirable. 5 *credits*. Hellwege

### 201s. Qualitative Analysis

Principles of chemical equilibria. Chemical equilibrium applied to reactions in solutions. The separation and identification of the common anions and cations by semi-micro methods. Prerequisite: Chemistry 111 or Chemistry 107. Three class hours and two laboratory periods (three hours each) per week. 5 *credits*. Hellwege

### 202f-203w. Quantitative Analysis

Theory and technique of volumetry and gravimetry. Principles of instrumental analysis. Prerequisite: Chemistry 111 or Chemistry 107. Three class hours and two laboratory periods (three hours each) per week. 5 *credits*. Hellwege

### 311f-312w-313s. Organic Chemistry

One year course in the basic chemical principles and theories of the hydro-carbons and their derivatives. Qualitative organic analysis is included in the treatment of both subject matter and laboratory work. Three class hours and two laboratory periods per week. Prerequisite: Chemistry 107. 5 *credits*. Carroll

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### 321s. Advanced Inorganic Chemistry

A descriptive and theoretical course based on the periodic classification of the elements, with emphasis on inorganic reactions and structure. Prerequisite: Chemistry 203. 5 credits. Hellwege

### 405f-406w-407s. Physical Chemistry

An elaboration of the principles of chemical behavior. Laboratory work up to six hours per week. Prerequisite: Physics 203, Calculus, and Chemistry 203 (or third year standing). 5 credits. Hellwege

### 413. Problems in Chemistry

Study of individual problems or special topics, depending upon the interests and preparations of the students. Use of chemical literature, experimental work, and preparation of reports are required. 5 credits. May be repeated for credit. Carroll, Hellwege

### 417. Organic Preparations

Selected syntheses to illustrate useful methods of preparative organic chemistry. Prerequisite: Chemistry 313. 3 credits. Carroll

### 418. Inorganic Preparations

Selected syntheses to illustrate useful methods of preparative inorganic chemistry. Prerequisite: Chemistry 201. 1 to 3 credits. Hellwege

### 421f. Introduction to Biological Chemistry

Emphasizes the products used for food in growth and maintenance of the life processes. Includes a brief review of physico-chemical concepts and of reaction mechanisms. Prerequisite: Chemistry 313. 5 credits. Carroll

### 431f. Selected Topics in Organic Chemistry

A non-laboratory seminar treating such special topics as nitrogen heterocycles, elements of chemotherapy, etc. Prerequisite: Chemistry 313. 4 credits. Carroll

## Economics

KANE, ROMITA, WELSH

The program for majors in Economics usually includes the following:

- Principles of Economics (Econ. 211-212)
- Introduction to Statistical Methods (Bus. 208)
- Economic Analysis (Econ. 303)
- Money and Banking (Econ. 309)
- Public Finance (Econ. 306)
- Labor Problems (Econ. 321)
- International Trade (Econ. 305)

Three of the following:

- Economic Development of the United States (Econ. 243)
- History of Economic Thought (Econ. 327, 328)
- Current Economic Problems (Econ. 331, 332)
- Economic Projects (Econ. 401, 402, 403)
- Report Writing (Bus. 319)

Five additional courses in this or other departments must be selected with approval of the adviser. The following are recommended for consideration:



## **Rollins College**

Comparative Economic Systems (Econ. 422)  
Business Fluctuation (Econ. 431)  
Principles of Accounting (Bus. 204-205)  
Business Law (Bus. 322-323)  
Business Finance (Bus. 307)  
Principles of Marketing (Bus. 311)  
Business Management (Bus. 409)  
Courses in history, philosophy, political science, psychology, and sociology and anthropology.

### **109f. Consumer Problems of the Family**

A study of economics from the consumer viewpoint. Family expenditures and personal finance. Standards of living, income distribution and demand. Relationships of economic institutions to consumer behavior. 5 credits. Romita

### **211f-212w; 211w-212s. Principles of Economics**

Production, exchange, and income distribution in the modern economy. A foundation course for majors in Economics and Business Administration. 5 credits. Kane, Romita

### **243f: 243s. Economic Development of the United States**

A survey of economic growth since Colonial times. Economic effects of the westward movement, immigration, and changes in population. The rise of mass production and large-scale corporate enterprise. Evolving economic position of the United States in relation to other nations. 5 credits. Kane

### **303s. Economic Analysis**

The basic concepts in contemporary economics; demand, supply, cost, productivity, and the indifference analysis. Prerequisite: Economics 211-212. 5 credits. Romita

### **305w. International Trade**

A study of the general principles of international trade, promotion of foreign trade, trading organizations and methods, and various international practices in use throughout the world. Emphasis is given to the leading role played by the United States. 5 credits. Romita

### **306s. Public Finance**

Revenues and expenditures of the federal, state, and local governments. Repercussions of governmental expenditure and taxes upon individuals, business firms, and the entire economy. Implications of the national debt. Prerequisite: one course in Economics. 5 credits. Kane

### **309w. Money and Banking**

A study of money, types of currency, modern banking operations, and the nature and use of credit. Monetary and financial theory applied to business and government. Prerequisite: Economics 211-212. 5 credits. Romita

### **321f. Labor Economics**

The labor force trends in employment problems of unemployment, wages and hours, labor unions, labor disputes and methods of settlement, and the theory and practice of collective bargaining. Prerequisite: one course in Economics. 5 credits. Kane

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### **327f, 328w. History of Economic Thought**

The development of economic thought, based upon reading and interpretation of standard works in economics. Prerequisite: Economics 211-212. 2 credits. Romita

### **331f, 332w. Current Economic Problems**

The application of economic analysis to problems of contemporary interest. Prerequisite: two courses in Economics. 2 credits. Romita

### **422w. Comparative Economic Systems**

The basic problems faced by all economic systems, and the special problems of authoritarian, competitive, and mixed economies. Prerequisite: two courses in Economics. 5 credits. Kane

### **431f. Business Fluctuations**

A study of business prosperity and depression. Theories accounting for changes in the level of business activity. Prerequisite: three courses in Economics. 5 credits. Kane

### **491f, 492w, 493s. Research Projects in Economics and Business**

Independent research and reports on assigned topics. Prerequisite: permission of the instructor. 1 or 2 credits. Kane, Romita, Welsh

## *Elementary Education*

GLASS, GOUBAUD, KELLER, KELLY, PACKHAM, SHOR, WEBBER

Students majoring in Elementary Education should take in their freshman or sophomore years at least one course from each of the following fields: psychology, speech, geography, or sociology and anthropology. In addition, the general preparation requirements for teachers' certificates as found on page must be started. Students should begin the foundation courses for a field of concentration outside of Education and take the two 200-level courses in Education.

In the junior and senior years the student should take at least six 300- and 400-level courses in Professional Education including the practical experience courses. All the specialization requirements should be completed. All general preparation requirements must have been met for the certificate. In addition, the student should take at least three 300- and 400-level courses in one field of concentration outside of Education. The practical experience courses, as well as Education 411 and Education 409, must be taken in the senior year.

## **PROFESSIONAL COURSES FOR ELEMENTARY AND SECONDARY SCHOOL TEACHING**

### **204f. Child Development**

The physical and psychological growth and development of the child from birth to adolescence, with emphasis on the school-age child's adjustment in school and home. Practical experience with children. To be taken in the first or second year. Prerequisite: Psychology 201. 5 credits. Packham



## **Rollins College**

### **233. Social Basis of Education**

An introductory course that includes education in its relation to society, introduces the most significant problems in the schools today, explores the history of the philosophy and principles of education, and studies teaching as a vocation. To be taken in the first or second year. 5 credits. Kelly

### **324s. The Curriculum and School Organization**

This course includes a study of curriculum planning and of school organization for both Elementary and Secondary schools. To be taken in the third or fourth year. Prerequisite: Education 233. 5 credits. Kelly, Packham

### **351w. Adolescent Development**

A study of the growth and development of adolescents in the school, the home, and the community. To be taken in the third or fourth year. Prerequisite: Psychology 201. 5 credits. Packham

### **404s. Tests and Measurements**

The interpretation and use of evaluative techniques for use in classrooms and schools. To be taken in the third or fourth year. 5 credits. Packham

### **409f. Reading in Elementary School**

Objectives of a reading program for the elementary grades, with techniques of developing reading skills. To be taken in the fourth year. 3 credits. Kelly

### **411f. Teaching in Elementary and Secondary Schools**

A course in the principles and methods of teaching and learning. 411f-E, Elementary teachers. 411f-S, Secondary teachers. Preparation for student teaching. To be taken in the fourth year. Prerequisite: Education 233 and Education 324 or consent of instructor. 5 credits. Kelly, Packham

### **412-413 (fall, winter, or spring). Practice Teaching**

A minimum of 160 clock hours of observation, and practice teaching in an elementary or secondary public school, distributed for sixteen weeks of two hours per day or eight weeks of four hours per day. To be taken concurrently with Educ. 417 in the fourth year. Prerequisite: Education 411 and consent of the instructor. 10 credits. Packham

### **414-415-416 (fall, winter, or spring). Internship and Special Methods**

Eight weeks of all-day experience in an elementary or secondary public school, and three weeks of planning in the special field of secondary teaching or language arts methods for elementary teaching. To be taken in the fourth year. Prerequisite: Education 411. 15 credits. Kelly, Packham

### **417f; 417w; 417s. Special Methods**

A course that gives specific help in teaching materials content, and techniques in the special field that the individual plans to teach. To be taken concurrently with Educ. 412-413. 3 credits. Packham

## **SPECIALIZATION FOR ELEMENTARY SCHOOL TEACHING**

### **309s. Health Education in Elementary School**

Principles of health education, with attention to safety and healthful

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home and school living. To be taken in the junior or senior year. 5 credits. Shor

### 310w. Physical Education in Elementary School

Organizing and conducting physical education program in elementary grades. May be taken in the sophomore year. 5 credits. Keller

### 316s. Children's Literature

A comprehensive survey of books for children, and how to use the library and audio-visual materials. May be taken in the sophomore year. 5 credits. Kelly

### 317f. Music in Elementary Education

Content and methods of teaching music in the elementary grades. To be taken in the junior or senior year. 5 credits. Webber

### 318f. Art in Elementary Education

Content and methods of teaching art in the elementary grades. To be taken in the junior or senior year. 5 credits. Goubaud

### 311f-312w-313s. Science in the Elementary School

Content and methods of teaching science in elementary school. To be taken in the junior or senior year. 2 credits. Science Staff

### 320s. Teaching Arithmetic

Content and methods of teaching arithmetic in the elementary grades. To be taken in the junior year. 3 credits. Kelly

### 325s. Social Studies for Elementary Schools

Content and methods of teaching social studies in the elementary grades. To be taken in the junior or senior year. 5 credits. Kelly

## English

DEAN, DEWART, DORSETT, GLASSER, GRANBERRY, HAMILTON, KOONTZ, McKULIK, MENDELL, SANDERLIN, STOCK, L. THOMAS, TROWBRIDGE

In their second year all English majors should take the first three period courses: English Literature and Its Backgrounds (203, 204, 205).

In the third and fourth years the following courses are required of all English majors:

Eighteenth Century (301)

Nineteenth Century (332, and either 333 or 356)

Plays of Shakespeare (317, 318, 319) two terms

American Literature (303, 304)

In addition, each English major must take a minimum of three courses in one of the following fields of study:

Development of the Drama (351, 352, and 363 or 364)

The English Novel (355, 356, 365)

Twentieth Century Literature (313, 363, 364, 365, 366)

Creative Writing (367, 368, 369)

### 101f-102w-103s. English Composition and Literature

A course in the basic principles of correct and effective expository writing and in the basic literary forms: essays, fiction, poetry, and plays. Must be taken in the first year. 5 credits.



## Rollins College

### **203f, 204w, 205s. English Literature and its Backgrounds**

Fall—Old English and Middle English periods; winter—the Elizabethan and Cavalier Poets; spring—Milton and the writers of the Restoration.

5 credits.

Dean, Dewart, Mendell

### **281f, 282w, 283s. Introduction to Literature**

An intensive critical study of fiction, drama, and poetry, selected from the literature of various countries and various periods. The genre presented in each course will be selected at the discretion of the instructor. Open to freshmen upon consent of the instructor. 5 credits.

Dewart, Koontz

### **301f. Eighteenth Century**

English literature from Swift to Burns, with special emphasis on the beginnings of the Romantic Movement and the ideas that have shaped the thinking of modern times. Prerequisite: two courses in literature.

5 credits.

Mendell

### **303w, 304s. American Literature**

A critical, historical survey of the forms and ideas shaping — and produced by — American writers and of the unique contributions of American literature as related to the literature of other countries. The course is designed to make the student a more critical and mature reader of American literature both past and present. It is strongly recommended that the course be taken no earlier than the senior year. Open to advanced non-majors by permission of the instructor. Winter—from the Colonial period to Whitman; spring—from Whitman to the present. 5 credits.

Hamilton

### **313w. Southern Folk Lore**

A study of the fiction, poetry, and drama written by Southerners or reflecting the life in the region, and a consideration of the folk tales of the section in their relation to the literary media. 5 credits.

Dean

### **317f, 318w, 319s. Shakespeare**

A study of the major plays of Shakespeare. Fall—the early plays and sonnets; winter—the middle plays; spring—the late plays. 5 credits.

Dean, Dorsett

### **332w. Nineteenth Century, Part I**

A study of the literature and the leading ideas of the English Romantic Movement, with special emphasis on the poetry of Blake, Wordsworth, Coleridge, Byron, Shelley, and Keats. 5 credits.

Stock

### **333s. Nineteenth Century, Part II**

A study of the literature of England from 1850 to 1900. Special attention is given to the leading ideas of the period and to the work of Carlyle, Tennyson, Browning, Ruskin, and Arnold. 5 credits.

Stock

### **351w, 352s. Development of the Drama**

A survey of the important plays, mainly English, from the Greek drama to the mid-nineteenth century. Emphasis on dramatic principles as an aid to enjoying the theatre. 5 credits.

Mendell

### **355w, 356s. English Novel**

The development of the novel in England into a major literary medium interpreting man's experience in life, both as an individual and as a member of human society. Winter—Fielding, Smollett, Sterne, Austen, Scott; spring—Dickens, Thackeray, Trollope, Meredith, Hardy. 5 credits.

Mendell

## The Rollins Curriculum

### 363s. Twentieth Century Drama: European

From Ibsen to Ionesco, including Strindberg, Chekhov, Rostand, Lorca, Pirandello, and others. 5 credits. Dorsett

### 364w. Twentieth Century Drama: British and American

From Shaw to Tennessee Williams, including Wilde, Galsworthy, Barrie, Coward, Fry, Yeats, Synge, O'Casey, O'Neill, Maxwell Anderson, Thornton Wilder, Odets, and others. 5 credits. Dean

### 365f. The Twentieth Century English and American Novel

A study of twentieth century English and American fiction, including its roots in the nineteenth century, and a detailed analysis of the work of five representative contemporary novelists. Critical papers and oral reports. 5 credits. Stock

### 366f. Twentieth Century British and American Poetry

A study of the important British and American poets of the twentieth century. 5 credits. Sanderlin

### 367f, 368w, 369s. Creative Writing

A course in creative writing, conducted on the workshop plan. Weekly reading and criticism of manuscripts that are written outside class. 5 credits. Granberry

### 391f, 392w, 393s. World Literature

Selected readings in English from the great literature of the Western world. Fall—the literature of Greece and Rome; winter—the literature of the Middle Ages and the Renaissance; spring—the literature of the seventeenth, eighteenth, and nineteenth centuries. 5 credits. Hamilton, Sanderlin

### 401f. English Teaching, Methods, and Material

Adapted to training English teachers for junior and senior high school. The course meets the requirements of state certification. (To be arranged.) 3 credits.

### 467f, 468w, 469s. Advanced Creative Writing

Prerequisite: English 367, 368, 369. Consent of the instructor is required. 5 credits. Granberry

## Foreign Languages

BANNER, CAMPBELL, FISCHER, L. GLEASON, HARDEE, MARCOTTE, TRAPNELL, WRIGHT, ZIMIC

A student majoring in French, German, or Spanish must take 45 credits of 300- and 400-level courses in the major field, and complete two years or its equivalent of a second foreign language. Students who plan to do graduate work are advised to take two or more additional courses in the major field.

### French

#### 101f-102w-103s. Elementary French

The basic grammatical structure of the language. Phonetics, together with intensive oral-aural drill. 3 credits.



## **Rollins College**

### **201f, 202w, 203s. Intermediate French**

Grammar review, conversation and intensive reading. Prerequisite: two high school units or their equivalent. 3 credits.

### **204f, 205w, 206s. Intermediate Conversation and Composition**

Intensive oral-aural training and composition. Designed primarily for students in French who intend to take courses beyond the 200 level. Prerequisite: two high school units or their equivalent. 2 credits.

### **321f, 322w, 323s. Advanced Conversation and Composition**

Advanced, intensive oral-aural training and composition. Prerequisite: one 200-level course (three terms) or its equivalent. 3 credits.

### **331f, 332w, 333s. The Seventeenth Century**

Representative movements, authors, and works of the seventeenth century. Prerequisite: French 206s or its equivalent. 5 credits.

### **401f, 402w, 403s. The Eighteenth Century**

Representative movements, authors, and works of the eighteenth century. Prerequisite: French 333s or its equivalent. 5 credits.

### **405f, 406w, 407s. The Nineteenth Century**

Representative movements, authors, and works of the nineteenth century. Prerequisite: French 333s or its equivalent. 5 credits.

### **409f, 410w, 411s. Contemporary French Literature**

Representative movements, authors, and works of the contemporary period. 5 credits. Offered in alternate years.

### **413f, 414w, 415s. Reading Seminar**

The syllabus of this course will be determined by the areas of the students' literary interests. Prerequisite: French 333s or its equivalent. 2 credits.

### **417f. Methods in Teaching Foreign Languages**

A course in methodology designed for future teachers. 2 credits.

### **499. Honors Course in French**

Prerequisite: permission of the department and the Honors Committee. 2 to 5 credits.

## **German**

### **101f-102w-103s. Elementary German**

Beginners' course. Phonetics, elementary grammar, reading, translations, vocabulary building, and simple conversation. Students should acquire good reading ability and fair speaking and writing knowledge of the language. 3 credits. Fischer

### **204f, 205w, 206s. Intermediate Conversation and Composition**

Intensive oral-aural training and composition. Designed primarily for students in German who intend to take courses beyond the 200 level. Prerequisite: German 103s or its equivalent. 2 credits. Fischer

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### **251f, 252w, 253s. Scientific German**

Prerequisite: German 103s. 2 credits.

Fischer

### **301f, 302w, 303s. Advanced German**

Systematic study of German history and civilization, combined with a study of the outstanding masterpieces of German literature. Advanced composition and conversation. Students are expected to acquire fluency in speaking and writing German. The course is conducted entirely in German. Prerequisite: German 203s or its equivalent. 5 credits. Fischer

### **401f, 402w, 403s. German Civilization and Literature:**

#### **Middle Ages and Classics**

A study of the civilization and literature of German-speaking countries: Sagen and Dichtung des Mittelalters, die deutschen Klassiker. The course is conducted in German. Prerequisite: German 303s or its equivalent. 2 to 5 credits. Fischer

### **404f, 405w, 406s. German Civilization and Literature:**

#### **Romantic and Modern**

A study of the civilization and literature of German-speaking countries: Romantik and Neuzeit, das deutsche Drama. The course is conducted in German. Prerequisite: German 303s or its equivalent. 2 to 5 credits. Fischer

## *Russian*

### **101f-102w-103s. Elementary Russian**

The basic grammatical structure of the language. Phonetics, together with intensive oral-aural drill. 3 credits.

### **201f, 202w, 203s. Intermediate Russian**

Grammar review, conversation, and intensive reading. Prerequisite: two high school units or their equivalent. 3 credits.

## *Spanish*

### **101f-102w-103s. Elementary Spanish**

The basic grammatical structure of the language. Phonetics, together with intensive oral-aural drill. 3 credits.

### **201f, 202w, 203s. Intermediate Spanish**

Grammar review, conversation, and intensive reading. Prerequisite: two high school units or their equivalent. 3 credits.

### **204f, 205w, 206s. Intermediate Conversation and Composition**

Intensive oral-aural training and composition. Designed primarily for students in Spanish who intend to take courses beyond the 200 level. Prerequisite: two high school units or their equivalent. 2 credits.

### **321f, 322w, 323s. Advanced Conversation and Composition**

Advanced, intensive oral-aural training and composition. Prerequisite: one 200-level course (three sessions) or its equivalent. 3 credits.



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### **331f, 332w, 333s. Survey of Spanish Literature**

Representative movements, authors, and works from early times to the contemporary period. Prerequisite: Spanish 206s or its equivalent. 5 credits.

### **401f, 402w, 403s. The Golden Age**

Representative authors and works of the Golden Age. The spring session is devoted to Cervantes. Prerequisite: Spanish 333s or its equivalent. 5 credits.

### **405f, 406w, 407s. The Nineteenth Century**

Representative movements, authors, and works of the nineteenth century. Prerequisite: Spanish 333s or its equivalent. 5 credits. Offered in alternate years.

### **409f, 410w, 411s. The Generation of 1898 to the Present**

Representative movements, authors, and works from the Generation of 1898 to the present. Prerequisite: Spanish 333s or its equivalent. 5 credits. Offered in alternate years.

### **413f, 414w, 415s. Reading Seminar**

The syllabus of this course will be determined by the areas of the students' literary interests. Prerequisite: Spanish 333s or its equivalent. 2 credits.

### **417f. Methods in Teaching Foreign Languages**

A course in methodology designed for future teachers. 2 credits.

### **499. Honors Course in Spanish**

Prerequisite: permission of the department and the Honors Committee. 2 to 5 credits.

## *General Science*

CARROLL, HELLWEGE, LOVEJOY, ROSS, SAUTE, SCHEER, SHOR, THOMAS, VESTAL, WAVELL, WILSON

A student who wishes to gain broad training in science may take a major in General Science. The primary purpose of this course is to satisfy the needs of those who plan to teach science or to enter the business side of technical industries. This major leads to a Bachelor of Arts degree.

In his first two years the student should take the first-year courses in biology, chemistry, and physics, and should have had mathematics through trigonometry.

In the third and fourth years the student should take at least seven additional 5-credit courses in science, of which at least three should be 300- or 400-level courses, and at least five 300- or 400-level courses in another department or division.

## *Geography*

MOMSEN

### **101f, 102w, 103s. General Geography**

A three-term introductory approach to the basic physical and cultural

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elements of geography. The first term deals with climate and vegetation; the second with physiography and soils; the third with world distribution of population and associated agricultural practices and standards of living. Succeeding terms may not be taken without preceding course sequence. 5 credits. Momsen

### 301f. Geography and World Affairs

An examination of world political and economic patterns in the light of the natural environment, cultural differences, and spatial relations. Particular emphasis is placed on the respective roles of the Western, Communist, and uncommitted national blocks. Prerequisite: Geography 103s, or consent of the instructor. 5 credits. Momsen

### 302w. Geography of the U.S.S.R.

Besides being a study of the physical and cultural geography of the Soviet Union, this course is designed to acquaint the student with the regional approach to geographic analysis. Alternate years only, not offered in 1961-62. 4 credits. Momsen

### 352w, 353s. Geographic Mapping and Techniques

This course is designed for advanced students in either the physical or social sciences who may wish to gain a basic theoretical and practical knowledge of geographic work. Laboratory periods will be devoted to map making, airfoto interpretation, and field trips, culminating in a research project to be prepared by each student. Although not required, it is suggested that this course be preceded in the fall by Geology 351f (Geologic mapping). Prerequisite: consent of the instructor. 3 credits. Momsen

## Geology

LOVEJOY, WILSON

A student majoring in Geology should take all the courses listed below and a one-year course in general chemistry. Geography 352 and 353 are strongly recommended.

### 101f-102w-103s. General Geology

A survey of physical and historical geology. A study of minerals and rocks, processes that shape the earth, and the geologic history of the earth and its inhabitants. Class discussions, laboratory work, and field trips. A course in general chemistry is desirable but not prerequisite to the course. 5 Credits. Lovejoy, Wilson

### 204f. General Mineralogy

A survey of the fields of mineralogy and crystallography. The origin, conditions of occurrence, and economic significance of minerals. Class discussions and laboratory work. Prerequisite: Geology 103. 5 credits. Wilson

### 205w. General Petrology

A survey of the field of petrology. The origin, conditions of occurrence, and economic significance of rocks. Class discussions and laboratory work. Prerequisite: Geology 204. 5 credits. Wilson

### 206s. Structural Geology

A survey of the structural features of the earth, with emphasis on their



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origin and conditions of occurrence. Class discussions and laboratory work. Prerequisite: Geology 205. 5 credits. Wilson

### 301f. Economic Geology

A study of metallic and non-metallic mineral deposits. Geological occurrence, methods of exploration and development, smelting and refining, history and uses, world importance, problems of valuation and appraisal. Class discussions and laboratory work. Prerequisite: Geology 103s. 5 credits. Wilson

### 303s. Economic Geology

A survey of petroleum and mineral fuels. The geology, exploration, development, processing and refining, and marketing of petroleum, coal, and other mineral fuels. World importance and problems of valuation and appraisal. Prerequisite: Geology 103s. 5 credits. Wilson

### 312w. Paleontology

A survey of the forms, classification, and geologic history of groups of organisms found as fossils, with emphasis on the more common fossils that are useful in determining the age of the sedimentary rocks in which they are found. A course in general biology is desirable but not a prerequisite. Class discussions and laboratory work. Prerequisite: Geology 103s. 5 credits. Lovejoy

### 313s. Stratigraphic Geology

The processes and environments of sedimentation. Properties and classification of sedimentary rocks. Interpretation of the stratigraphic record from these rock with respect to their characteristics and fossils to determine the past history of the earth. Class discussions and laboratory work. Prerequisite: Geology 312w. 5 credits. Lovejoy

### 351f. Geologic Mapping

Construction of a base map by plane table methods. Construction of a geologic map and cross sections in an area of moderately complicated structure. Class discussions, laboratory work, and field trips. Prerequisite: permission of the instructor. 3 credits. Lovejoy

### 451. Seminar in Geology

Open to students who have completed the basic courses in geology and wish to do advanced work in a field that is of special interest to them. Prerequisite: permission of the instructor. 1 to 3 credits. Lovejoy, Wilson

## History and Government

BRADLEY, DOUGLASS, DRINKWATER, HANNA, SMITH

Students majoring in History and Government must take a minimum of 60 credits in their major field, at least 15 of which will be 100-level courses. It is recommended that majors elect their courses in the following sequence: History 112, 113, 114; 225, 226, 227; 331, 332, 333, or 341, 342, 343, electing the remaining courses in History or Government. Those specializing in Government must take at least 30 credits in Government and the remaining 30 in the field of History.

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### Government

#### 201f; 201s. Principles of Government

The nature of politics is examined by a study of the classics from Plato through Thomas Jefferson and Alexander Hamilton to the writings of the heavily industrialized society of the last half of the twentieth century. Ideas of the nature of man, values projected by society, patterns of human relationship expressed through social structure, and concepts of the state. The nature of the state is studied in historical perspective, along with reconciliation of authority with liberty, and the interaction of political purposes, processes, and institutions. Consideration is given to representative avenues for the expression of active citizenship. This introductory course serves as a general survey, as a prerequisite for further studies in government, and as an overview of value systems as they are articulated through the political process. 5 credits. Douglass

#### 337w. Comparative Government

Representative types of political institutions and processes in major national states are studied. Prerequisite: Government 201. 5 credits. Douglass

#### 347f. American National Government

A study of the federal government and its interstate relationships. Attention to public policy making, the interaction of political purpose and parties, the administrative structure, interest groups, and effective citizen participation. Prerequisite: Government 201. 5 credits. Douglass

#### 348w. State and Local Government

Organization and functioning of state, county, and municipal government. Emphasis on effective citizen participation. Special attention to evolving regionalism and the government, and the politics of Florida. Prerequisite: Government 201. 5 credits. Douglass

#### 361f-362w-363s. American Foreign Relations

Diplomatic history of the United States from Colonial days to the present era. Fall—from the Declaration of Independence to the Civil War; winter—from the Civil War to the end of World War I; spring—from World War I to the present. Prerequisite: Government 201 or a course in American or European history. 2 credits. Offered in alternate years. (1962-63)

#### 390f, 391w, 392s, 393 (summer). Practicum in Politics

Combined seminar, laboratory, and field work program designed to develop a mature understanding of the political process and to develop skill for the exercise of responsible citizenship through activity in political parties. Stipends available for supervised summer projects. Program conducted under a grant from the Maurice and Laura Falk Foundation. 2 credits; summer credits determined by nature of project. Douglass and Staff

#### 457w. International Organization

Practices and institutional arrangements among sovereign states for carrying out their national interests, for the pursuit of welfare, and for national security. Attention to regional arrangements, functional agencies, and the United Nations. Prerequisite: Government 201. 5 credits. Offered in alternate years. (1963) Douglass



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### **458s. International Law**

The rights, obligations, and relationships of national states in their intercourse with each other. Prerequisite: Government 457w or consent of the professor. 5 credits. Offered in alternate years. (1962) Douglass

### **490f-491w-492s. Political Theory**

Ideas about the structure and purpose of political society as expressed by representative thinkers from Greece to present time. Fall—from Plato through Aquinas; winter—from Machiavelli through Bentham; spring—from Jefferson to the world community. Prerequisite: Government 201 and one other government course. 2 credits. Offered in alternate years. Douglass

### **499. Independent Program**

An offering to enable especially competent students to carry forward independently, but under close faculty inspection, projects involving research and original inquiry. Credits determined by nature of project. Douglass and Staff

## *History*

### **112f, 113w, 114s. History of Western Civilization**

History of western civilization from prehistoric times to the present. The first term is devoted to a survey of the civilizations of the ancient Near East, Greece and Rome. The second term covers the period from the fall of Rome to the Renaissance. The third term is a survey of the history of European civilization from the Renaissance to the present day. 5 credits. Bradley, Drinkwater, Smith

### **225f, 226w, 227s. History of England**

A study of the political and social history of England from the Roman occupation to the present time. The first term is concerned with the medieval foundations of the English nation, especially the constitutional development under the Plantagenets. The second term covers the period of the Tudors and Stuarts, and continues to the end of the eighteenth century. The third term begins with the Napoleonic Wars and continues to the present time. 5 credits. Offered in alternate years. (1962-63) Drinkwater

### **311f, 312w, 313s. Contemporary Europe**

A study of contemporary developments in Europe against the background of the history of Europe in the twentieth century. 2 credits. Drinkwater

### **331f, 332w, 333s. Modern European History**

Modern European history from the Renaissance to the present day. The first term covers the Renaissance, the Reformation, and the age of absolutism to the death of Louis XIV. The second term presents a study of the revolutionary period from 1715 to 1870. The third term is a study of the subsequent and contemporary history. Prerequisite: History 114. 5 credits. Drinkwater, Smith

### **341f, 342w, 343s; 342f, 343w, 341s. History of the United States**

History of the United States from the discovery of America to the present day. The first term is devoted to a study of the colonial period, 1492-1783. The second term is a study of the period before the Civil War, 1783-1861. The third term is devoted to recent American history, since 1861. Prerequisite: History 114. 5 credits. Bradley, Smith

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### 359w, 360s. Spain and the Spanish Empire

Spain and the Spanish Empire from prehistoric times to the present. The first term covers the period of ancient and medieval Spanish history through the modern period to the decline of the Spanish Hapsburgs. The second term covers the period of modern history from the accession of Philip V to the present. Prerequisite: History 112, 113, 114. 5 credits.  
Smith

### 412s. History of Historical Writing

A study of the tradition of European and American historical writing. Selections from the works of great historians, relationship of the historian and his environment, and analysis of the philosophical and critical problems of writing history. 5 credits.  
Drinkwater

## Human Relations

BRADLEY, DARRAH, DEGROOT, DOUGLASS, DRINKWATER, GEISEL,  
HANNA, KANE, PACKHAM, ROMITA, SMITH, STONE, WAITE

The Human Relations major provides a group program in the related departments of sociology and anthropology, economics, history and government, education, psychology, philosophy, and religion. It is intended for the student who wishes to avoid early concentration in any one field while exploring new areas of knowledge, or who desires a broader perspective on human relations studies as a whole than is offered by a departmental major, or who needs time before making a decision that will affect his future life. Transfers from this group program to departmental majors or joint majors involving two departments are encouraged. With careful planning such transfers may be made without any loss of time.

This program requires that the student study during his first two years Sociology and Anthropology 201-202, Psychology 201, a 200-level course in economics, a course in history or government, and one in philosophy or religion.

For the third and fourth years the student should plan a program that will include a minimum of fifty-five term hours in the departments participating in this program. This plan should include within these fifty-five hours a minimum of four courses in one department plus an independent reading and/or research project in the department of concentration. In connection with this independent project the student must take, either previously or concomitantly, the course in Research Methods in the Behavioral Sciences.

To provide encouragement toward understanding the basic concepts of social science and human values, and as a guide to the student and his major professor, a written integrating examination is required of a Human Relations major at the end of his junior year. On the basis of the results of this examination, the work of the student during the senior year is planned in the best interest of his education.



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### *Mathematics*

SAUTE, WAVELL, WOLFE

A student majoring in Mathematics must earn a minimum of 45 credits in mathematics, at least 7 of which must be from the 400-level courses.

In addition, it is recommended that the student complete at least one two-year sequence of physical or biological science course.

If graduate work is contemplated, the student should take courses that will equip him with a good reading knowledge of German or French.

#### **100. Introductory College Algebra**

A thorough review of high school algebra plus college-level algebra through quadratic equations. Designed for students with little or no background in mathematics. Five hours of class attendance per week. 3 credits. Staff

#### **101. College Algebra**

This course includes such topics as quadratic equations, mathematical induction, binomial theorem, progressions, complex numbers, permutations, determinants, and scales of notation. Prerequisite: Mathematics 100 or two units of high school algebra. 5 credits. Staff

#### **102. Trigonometry**

Study of such topics as the use of tables of natural functions, logarithms, functions of any angle, solution of triangles, graphs of functions, identities, and equations. 5 credits. Staff

#### **111f, 112w; 111w, 112s. Principles of Mathematics**

A modern introduction to mathematics, replacing the conventional college algebra and trigonometry. Main topics include logic, the number system, groups, fields, sets, functions, (algebraic, trigonometric, exponential, and logarithmic); and concepts underlying analytic geometry and calculus. 5 credits. Wavell

#### **113f; 113s. Mathematics of Sets, with applications**

An introduction to set theory, which is essential for understanding most parts of modern mathematics. The subject is valuable for students of the natural and social sciences. Main topics include algebra of sets, partitions, classifications, mathematical systems, algebraic structures, applications to probability, genetics, switching network design, etc. Prerequisite: Mathematics 101 and 102 or 111 and 112, or consent of the instructor. 5 credits. Wavell

#### **211f. Plane Analytic Geometry**

Work with co-ordinate systems, graphs, and geometry of the straight line and conic sections. Prerequisite: Mathematics 101 and 102 or satisfactory placement test score. 5 credits. Saute

#### **212w, 213s. The Calculus**

Methods of differentiation and integration with application to physical problems and geometry. Prerequisite: Mathematics 211. 5 credits. Saute

#### **304f. Content**

Content and methods for teaching mathematics in the secondary school. 3 credits. Saute

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### 307f-308w-309s. Mechanics

See Physics 307f-308w-309s.

### 311f, 312w. Solid Analytic Geometry and Intermediate Calculus

Fall—The analytic geometry of space; winter—partial derivatives, multiple integrals, infinite series. Prerequisite: Mathematics 213. 5 credits. Wolfe

### 313s. Differential Equations

The classification, solution, and application of various equations involving not only variables, but also the derivatives of these variables. Prerequisite: Mathematics 312. 5 credits. Wolfe

### 404f. Theory of Equations

Theorems and methods of solution of equations of higher degree. Various methods of approximating solutions of numerical equations. Determinants, Matrix theory, and solutions of systems of linear equations. Prerequisite: Mathematics 313s. 5 credits. (Offered in alternate years.)

### 406s. Mathematical Statistics

Mathematical and empirical tables, and probability. Topics from the mathematical theory of statistics, such as measures of dispersion, curve fitting, statistical correlation, and random sampling. Prerequisite: Mathematics 213. 5 credits. (Offered in alternate years.) Wolfe

### 431f, 432w, 433s. Advanced Calculus

Convergence, continuity, partial derivatives, functions of several variables, multiple integrals, line integrals, and infinite series including Fourier Series. Prerequisite: Mathematics 313. 3 credits. Staff

### 434w. Partial Differential Equations

Extension of work in 313 (Differential Equations) to functions of more than one variable. Prerequisite: Mathematics 313. 5 credits. Staff

### 435f, 436w, 437s. Foundations of Mathematics

A survey of the most important concepts and methods employed in modern mathematics, with an account of their historical origins. Main topics include mathematical reasoning; the revolutions in geometry and algebra, postulation method, the real and complex number systems, algebraic structures, set theory, and philosophies of mathematics. Prerequisite Mathematics 213. 2 credits. Wavell

## Music

A. CARLO, J. CARTER, FISCHER, C. GLEASON, HORSZOWSKI,  
HUFSTADER, MOORE, ROSAZZA, WEBBER, G. WILSON

For the Bachelor of Arts candidate with a major in Music approximately two-thirds of the work taken will be in courses other than music. This same plan, in general, is carried out over the four-year period.

Students are expected to elect their major in Music upon entrance to the College. A definite amount of prerequisite work is necessary in one field of applied music. This varies with the major subjects (voice, choral conducting, piano, violin, organ, etc.)



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In the freshman and sophomore years the student must complete satisfactorily two years of theoretical music. In addition, the student receives two private lessons a week, with a minimum of two hours a day practice, in his chosen field of applied music (voice, piano, etc.). Examinations of technical and musical progress will be given at the end of the freshman and sophomore years.

The candidate for the degree must have made satisfactory achievement in the study of the history of music, solfeggio, and ear training, and have participated in ensemble and repertoire groups. Participation in and attendance at student recitals is required, and one full recital program must be given, to which the public is invited.

In addition to the applied and theoretical music in the junior and senior years, a student may elect two correlated subjects each term.

The courses for Music majors are listed under Conservatory of Music. (See page 101).

### 104f, 105w, 106s. Harmony

Presentation of the elements of music and their combination in simple and complex melodic and chordal structures; dissonance, diatonic, and chromatic, together with simple formal organization. Special emphasis on chorale style of J. S. Bach. Consent of the instructor is required. 3 credits.

Carter

### 107f, 108w, 109s. Sight-Singing and Dictation

The singing of progressively graded material stressing melodic and harmonic values. Study of meter. Development of skill in rhythmic and melodic dictation, with special emphasis on harmonic and contrapuntal hearing. Aural analysis of music literature selected from examples of the eighteenth century to the present. 2 credits.

Hufstader

### 101, 102, 103. Introduction to Music Literature

A course designed to introduce the student to the widely varying styles, forms, and compositional techniques in the history and development of the art of music. Required of all music majors in the freshman year. Open to non-major students with consent of instructor. 1 credit.

Carlo

### 111f-112w; 111w-112s. Fundamentals of Music

A course in rudiments, terminology, and knowledge of the keyboard. Prerequisite for students taking applied music who have had little or no previous training. With permission of the instructor may be taken simultaneously with applied music. 1 credit.

Hufstader

### 127f-128w-129s. Vocal Workshop

A laboratory workshop dealing with the fundamentals of voice production and the basic principles of singing. Required of all beginning voice students. Students not majoring in voice must obtain consent of instructor. 1 credit.

Rosazza

### 147f, 148w, 149s. A Survey of Recorded Music

A course designed to acquaint the student with the finest of recorded music. Emphasis is placed upon listening. 1 credit.

Carter

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### **214f-215w-216s. Advanced Harmony**

Advanced study of the materials of 104-105-106. Consent of the instructor is required. 3 *credits*. Carter

### **217f-218w-219s. Advanced Sight-Singing and Dictation**

Advanced study of the materials of 107-108-109. Consent of the instructor is required. 3 *credits*. Carlo

### **224f-225w-226s. History of Music**

The study of the development of music from primitive times to the present. Correlation with general history; recordings, illustrative materials, and supplementary outside reading. Consent of the instructor is required. 3 *credits*. Carlo

### **227f-228w-229s. Song Repertoire**

A studio course designed to enrich the voice student's repertoire and to stimulate his progress through research, analysis, and performance. Required of all voice majors. Prerequisite: Music 127-128-129. 1 *credit*. Rosazza

### **327f. Survey of German Lieder**

Consent of the instructor is required. 1 *credit*. Carter

### **328s. Survey of Beethoven Pianoforte Sonatas—Part I**

Consent of the instructor is required. 1 *credit*. Moore

### **329s. Survey of Beethoven Pianoforte Sonatas—Part II**

Consent of the instructor is required. 1 *credit*. Moore

### **337f. Oratorio Analysis**

Major choral works to be performed at the Bach Festival will be studied in detail. 1 *credit*. Hufstader

### **339s. Survey of Chamber Music**

Consent of the instructor is required. 1 *credit*. Carlo

### **342f, 348w, 349s. Survey of Recorded Music**

A course designed to acquaint the student with the finest of recorded music in various media. Emphasis is placed on listening. Prerequisite: Music 147, 148, 149. Consent of the instructor is required. 1 *credit*. Carter

### **357f, 358w, 359s. Choral Music Survey**

Fall—Gregorian chant and liturgy; winter—medieval music up to 1500; spring—Renaissance music. Consent of the instructor is required. 1 *credit*. Hufstader

### **377w. Survey of Piano Literature of the Nineteenth Century**

Piano literature by composers from Schubert to Faure. Consent of the instructor is required. 1 *credit*. Moore

### **378s. Contemporary Piano Literature**

European and American piano literature of the twentieth century. Consent of the instructor is required. 1 *credit*.

### **379f. The Keyboard Works of J. S. Bach**

Analysis of the polyphonic forms for the keyboard, including the Two



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Part Inventions, Three Part Sinfonias, The Well-Tempered Clavichord, and large works in suite form. Consent of the instructor is required. 1 *credit*. Carter

### 457f, 458w, 459s. Choral Music Survey

Fall—eighteenth century (Bach, Handel, and contemporaries); winter—nineteenth century (Brahms, Schubert, Mozart, etc.); spring—contemporary choral music. Consent of the instructor is required. 1 *credit*. Hufstader

### 184f, 185w, 186s. String Class Instruction

A course designed to provide elementary training in playing string instruments. Emphasis is placed upon ensemble experience, leading to the benefits and enjoyment of group participation. 1 *credit*. Carlo

### 284f, 285w, 286s. String Class Instruction

Intermediate level. Prerequisite: Music 183 or its equivalent. 1 *credit*. Carlo

### 181f-182w, 183s. Applied Music (Private Instruction)

Students may register for private instruction in applied music with permission of the instructor. It must be taken in connection with or subsequent to Music 111-112. 1 or 2 *credits* with permission of the instructor. Staff

### 281f, 282w, 283s. Applied Music (Private Instruction)

### 381f, 382w, 383s. Applied Music (Private Instruction)

### 481f, 482w, 483s. Applied Music (Private Instruction)

#### Rollins Chapel Choir

The Rollins Chapel Choir is open to all qualified students. 2 *credits*. Hufstader

### The Rollins Singers (Collegium Musicum)

This singing group is open to all qualified students. 1 *credit*. Hufstader

## Philosophy

STONE, WAVELL

A student majoring in Philosophy should study in the freshman and sophomore years:

A Survey of the Problems of Philosophy (203)

Introduction to Logic (223)

The History of Early and Medieval Western Philosophy (201)

History of Modern Philosophy (202)

Ethics (221)

In the third and fourth years he should take 25 credits of 300- or 400-level courses in philosophy.

The Philosophy major is urged to make as wide a selection in related courses as possible in consultation with the adviser. The specific courses he chooses will depend upon the area of his special interest in philosophy.

### 201w. History of Ancient and Medieval Philosophy

The development of philosophy from early Greek philosophy to the Renaissance. Special emphasis will be given to the concepts which have

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molded Western thinking in Democritus, Socrates, Plato, Aristotle, the Stoics, Augustine, and St. Thomas Aquinas. 5 credits. Stone

### 202s. History of Modern Philosophy

The development of philosophy from the Renaissance to Hegel. Special attention will be given to the empiricals (Locke, Berkeley, and Hume), to the rationalists (Descartes and Leibnitz), and to Kant. 5 credits. Wavell

### 203f; 203s. Introduction to Types of Philosophy

A comparison of several points of view in philosophy in terms of issues of continuing importance. Emphasis is placed upon methods from unifying individual beliefs. 5 credits. Stone

### 221s. Ethics

A study of various insights into the nature of wisdom and goodness and their effectiveness as guides for human attitudes and actions. 5 credits. Wavell

### 222s. Applied Logic

A study of some logical techniques in the analysis of written and spoken discourse. 5 credits. (1962-63) Stone

### 223f. Introduction to Logic

A course in the theory of logic. Emphasis is placed upon contemporary developments in logic that tend to encourage analytical habits of reasoning. 5 credits. Wavell

### 305s. Plato

A study and discussion of the principal Platonic dialogues and their influence upon western thought. 5 credits. Stone

### 306f. Scientific Concepts and Methods

A critical discussion of the presuppositions, methods and principal concepts employed in the science. Except for Science majors, a preliminary course in philosophy is advised. 5 credits. Wavell

### 307f. Philosophy of Religion

A study of the philosophical problems posed by religious experience, values and claims to knowledge. This will include an examination of the arguments for and against the existence of God and of the main theories of God's nature. 5 credits. Wavell

### 308s. Philosophy of Science

A non-technical study of the development of scientific concepts from Galileo to the present day. Emphasis is placed on the philosophical and cultural consequences of these ideas. 5 credits. (1961-62) Stone

### 309s. Aesthetics

A study of aesthetic experience. In the light of knowledge already gained, an attempt is made to establish a basis for judgment. 5 credits. Stone

### 343s. Philosophy of the Recent Past

The development of philosophy after Hegel up to the present time. Special attention will be given to Neo-Kantianism, French positivism,



## Rollins College

pragmatism, existentialism, logical positivism, American and British realism, and analytical philosophy. 5 *credits*. Wavell

### 401f, 402w, 403s. Seminar in Philosophy

Specific topics for study are chosen upon consultation with the class. For majors and those students who have had at least three courses in philosophy. 2 *credits*. (1961-62) Stone, Wavell

### 404f, 405w, 406s. Directed Individual Study

Study and discussion of selected topics in philosophy. The program of study is planned by the instructor with each student. 1, 2 or 3 *credits*. (1962-63) Alternates with 401, 402, 403. Stone, Wavell

### 491f-492w-493s. (Senior Course) Synthesis and the Value Vectors of Our Heritage

A course designed to equip students with the tools for solving many of life's important problems better through understanding the viewpoints of others. In a sense this course attempts to integrate and bring together the several diverse parts of a liberal education. Students compare and contrast the methods of dealing with problems in the areas of natural sciences, the social sciences, and the humanities. The course concentrates on methods of inquiry and analyses of typical problems in these several areas, with emphasis on critical thinking and the formation of value judgments. Open only to selected juniors and seniors. 3 *credits*. Darrah, Stone

## Physical Education

All students should take a physical examination each year. No student may enter any activity for which he is not physically fit.

The directors of Physical Education and the college physicians have daily office hours when they may be seen for consultation.

The following courses are vocational in nature; only those students planning to coach and teach should register for them.

### 362f. Principles of Physical Education

Designed to give the student an understanding of the basic principles and objectives underlying physical education activities. It is intended to prepare the student to evaluate methods and practices in light of valid principles. 5 *credits*. Staff

### 363f, 364w, 365s. Coaching of Football (Fall), Basketball (Winter), and Baseball (Spring).

Fundamentals in theory and practice of coaching. A survey is made of the principal offensive and defensive team maneuvers. 3 *credits*. Staff

### 372f. Teaching Physical Education in the Secondary School

Methods and material, with opportunities for observation and practice teaching. Prerequisite: Physical Education 362. 5 *credits*. Staff

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### 374w. Administration of Interscholastic Athletics

#### (Junior and Senior High School)

A study of the problems involved in the administration of inter-school athletic competition, including tournaments, facilities, office management, personnel problems, finances, and public relations. 5 credits. Staff

### PHYSICAL EDUCATION FOR MEN

#### Equipment

Each student in Physical Education is expected to supply his own uniform and such equipment as he may need. The college will furnish all necessary playing equipment for intramural activities except tennis and golf.

#### Courses

The courses listed below cover instruction in the approved activities.

101Mf, 102Mw, 103Ms. First Year Course

201Mf, 202Mw, 203Ms. Second Year Course

#### Activities for Men

The following activities are open to men students whose physical examinations show that their health permits participation. Activities may be added or withdrawn at the discretion of the Director of Physical Education and the Dean of the College.

Fall term: basketball, crew, golf, sailing, soccer, swimming, tennis, water-skiing, archery, modern dance, and life-saving.

Winter term: baseball, basketball, canoeing, crew, golf, sailing, tennis, social dance, square dance, archery.

Spring term: baseball, crew, diving, golf, life-saving, sailing, swimming, tennis, water-skiing, archery, modern dance, Red Cross life-saving and Instructors' Course.

**Competitive Intramural Activities:** basketball, crew, golf, softball, swimming, tennis, volleyball, and other sports.

Freshmen and sophomores must register for instruction in physical education classes in such individual sports as golf, tennis and swimming—activities that can be carried on after college. All students must pass the Rollins swim test during the fall term of their freshman year or register for swimming instruction.

### PHYSICAL EDUCATION FOR WOMEN

#### Equipment

Each entering woman is required to purchase regulation college uniforms and such equipment as may be needed. The college will furnish all necessary equipment for intramural activities except tennis and golf.

#### Courses

The courses listed below cover instruction in the approved activities.

101Wf, 102Ww, 103Ws. First Year Course

201Wf, 202Ww, 203Ws. Second Year Course



## Rollins College

301Wf, 302Ww, 303Ws. **Third Year Course—Elective**

401Wf, 402Ww, 403Ws. **Fourth Year Course—Elective**

### Activities for Women

The following activities are open to women students whose physical examinations show that their health permits participation. Activities may be added or withdrawn at the discretion of the Director of Physical Education and the Dean of the College.

Fall term: aquatics (sailing, swimming, tarpon, life-saving), archery, basketball, golf, tennis, water-skiing, modern dance.

Winter term: aquatics (canoeing, sailing), archery, dancing (folk and square, social), golf, softball, tennis.

Spring term: aquatics (diving, life-saving, sailing, swimming, tarpon), archery, golf, tennis, volleyball, water-skiing, modern dance, Red Cross life-saving and Instructors' Course.

Freshmen and sophomores must take part each term in at least one of these activities and are expected to show accomplishment in:

1. One individual sport: choice of tennis, golf, archery, water-skiing.
2. One team sport: choice of basketball, volleyball, softball.
3. One term's work in dancing: choice of folk and square dancing, modern dancing, social dancing.
4. Swimming. All students must pass the Rollins swim test during the fall term of their freshman year or register for swimming instruction.

Juniors and seniors may elect activities.

## Physics

Ross, D. THOMAS

A student majoring in physics must take Physics 307-308-309, 311, 314-315-316 and 317-318, and Chemistry 105-106-107. He should complete Mathematics 211, 212, 213 early in his program. Physics majors should have at least 3 credits of 400-level Physics or Chemistry courses during the senior year.

Students expecting to enter graduate schools are advised to take courses in advanced mathematics, physical chemistry, and German.

### 101f-102w-103s. Astronomy

A scientific approach to the understanding of nature through the study of the solar system, physical characteristics of stars, and systems of stars. Laboratory work required. Prerequisite: a working knowledge of algebra and geometry. 5 credits.

Ross, D. Thomas

### 201f-202w-203s. General Physics

Methods and principles of physics. Selected topics from the fields of atomic physics, mechanics, electricity, heat, sound, and optics. Laboratory work required. Prerequisite: a working knowledge of algebra and plane geometry. 5 credits.

Ross, D. Thomas

### 307f-308w-309s. Mechanics

Fundamentals of mechanics, including kinematics, Newton's laws of motion, energy, gravitation, harmonic oscillations, rigid bodies, elasticity,

## The Rollins Curriculum

statics, and wave motion. Mathematical and vector analysis developed as needed. Selected experiments. Prerequisites: Physics 203, Mathematics 213. 2 credits.  
Ross, D. Thomas

### 311f. Optics

An introductory course in geometrical and physical optics, including reflection, refraction, diffraction, interference, and polarization. Laboratory experiments correlated with theory. Prerequisite: Physics 203, Mathematics 213. 4 credits.  
Ross, D. Thomas

### 314f-315w-316s. Electricity

The fundamental principles of direct and alternating circuits, electronics, electrostatics, electric potential, dielectrics, magnetic properties of materials, electromagnetic radiation. Vector methods are utilized. Theory, problems, and laboratory experiments. Prerequisite: Physics 203, Mathematics 213. 5 credits.  
Ross, D. Thomas

### 317w-318s. Modern Physics

The elements of atomic and nuclear structure and processes. Prerequisite: Physics 203, Mathematics 213. 4 credits.  
Ross, D. Thomas

### 401f, 402w, 403s. Advanced Laboratory Practice

Open to qualified students who have completed an advanced course in mechanics, optics, or electricity and magnetism. Work may be chosen to suit the requirements of individual students. Arrangements should be made with the instructor. 1 to 3 credits.  
Ross, D. Thomas

### 441f, 442w, 443s. Selected Topics

A non-laboratory seminar on such selected topics as acoustics, heat X-rays, and special relativity. Consent of the instructor is required. 1 to 3 credits.  
Ross, D. Thomas

## Pre-Medical

CARROLL, HELLWEGE, ROSS, SAUTE, SHOR, D. THOMAS, VESTAL

A student who intends to study medicine should take as broad a training in scientific and general cultural courses as possible in college besides the specific courses that are required for medical study. The minimum requirements of most medical schools of this country include:

- General Biology (Biology 104-105-106)
- Comparative Anatomy (Biology 323-324)
- General Chemistry (Chemistry 105-106-107)
- Organic Chemistry (Chemistry 311-312-313)
- General Physics (Physics 201-202-203)

The student should also have an understanding of college algebra and trigonometry, as well as at least one year of English, and a reading knowledge of either French or German. For a Bachelor of Science degree from Rollins, the student must, in addition, complete a major in biology, or chemistry, or have a minimum of six full advanced courses in the science that, in the opinion of his major professor, would be useful as preliminary training for medical school. A choice of the following may be suggested:



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Genetics (Biology 308)  
Bacteriology (Biology 328)  
Developmental Anatomy of the Vertebrates (Biology 327)  
Analytical Chemistry (Chemistry 201, 202-203)  
Physical Chemistry (Chemistry 405-406-407)  
Analytic Geometry and the Calculus (Mathematics 211,  
212, 213)

## Psychology

LANDSMAN, LIKELY, PACKHAM, VERMILYE, WAITE

Since psychology is based on both the biological and social sciences, and is in turn basic to the study of human problems, the student who elects to major in psychology may select an emphasis either in biological science or in social relations.

During the first two years, the student should take General Psychology (201), Motivation, Perception, and Thinking (210-211), and Psychology of Ability (231-232-233).

In the last two years the student should take a minimum of 40 credits in 300- and 400-level courses in Psychology, including Experimental Psychology (331-332-333), and Research Methods in the Behavioral Sciences (411-412-413). In addition, his program should include four advanced courses either in biological science or in the social science fields. The specific courses selected in psychology and in the related field depend on the student's special interests. Included in the program may be one or two terms of directed individual study that cover topics not developed specifically in the regular courses of instruction.

### 201f; 201w; 201s. General Psychology

An introductory and systematic survey of the field of psychology. Designed as a foundation course for both majors and non-majors. 5 credits.  
Staff

### 204f. Child Development

See Education 204. 5 credits.

Packham

### 205s. Social Psychology

A study of the behavior of the individual in the group situation, with attention to the social factors in human nature and personality, to differential psychology, to social interaction, and to social pathology. Prerequisite: Psychology 201, or Sociology and Anthropology 202. 5 credits.  
Waite

### 210f-211w. Motivation, Perception, Psychology, and

#### Thinking

A more intensive study of motivation, perception, and thinking, with special emphasis on experimental methods and findings. Prerequisite: Psychology 201. 5 credits.  
Waite

### 231f-232w-233s. Psychology of Ability

The concept of ability; analysis and definitions of variables accounting for individual differences in behavior; measurement of ability with particular emphasis on statistical procedures and thinking used in ability-

## The Rollins Curriculum

testing. Prerequisite: Psychology 201 (may be taken concurrently). 2 credits  
Landsman

### 303w. Psychology of Adjustment

A study of adjustment problems and methods of meeting them as related to personality development. Prerequisite: Psychology 201. 5 credits.  
Waite

### 306w. Physiological Psychology

A study of the physiological facts related to psychological problems. Prerequisite: Psychology 201. 2 credits.  
Landsman

### 310s. Abnormal Psychology

A study of behavior disorders in relation to normal behavior and mental health; survey of treatment methods, with field trips to state institutions. Prerequisite: Psychology 201. 5 credits.  
Likely

### 331f-332w-333s. Experimental Psychology

An introduction to experimental psychology, emphasizing the nature of scientific inquiry and investigation in psychology; formulation of experimental problems, design of experiments, interpretation and written reports. 3 credits.  
Landsman

### 351w. Adolescent Development

See Education 351. Prerequisite: Psychology 201. 5 credits. Packham

### 361f-362w-363s. Learning Theories

The contributions of experimental and theoretical psychology to the problem of learning; antecedents and interpretations of the major theories. Prerequisite: Psychology 201. 5 credits.  
Waite

### 373f. Psychology Applied to Business and Industry

A study of the application of the principles and methods of psychology to problems in business and industry such as personnel selection, employment, job analysis, effect of conditions and methods of work on productivity, and psychological factors in advertising and selling. Trips to representative establishments. Prerequisite: Psychology 201. 5 credits.  
Likely

### 381s. Social Psychology of Small Groups

Communication and influence processes; factors related to group cohesions; problem-solving behavior of groups; relation of group structure to function; emergence of leadership, and relation between leadership and group process; types of member participation. Prerequisite: Psychology 201. 5 credits.  
Vermilye

### 401f-402w-403s. Reading in the History of Psychology

Prerequisite: Psychology 211. 2 credits.  
Likely

### 404s. Tests and Measurements

See Education 404. 5 credits.  
Packham

### 405, 406. Directed Individual Study

For advanced students contemplating graduate work in psychology. Prerequisite: Psychology 233 and 362, and the approval of the department. 5 credits.  
Staff



## Rollins College

### **411f-412w-413s. Research Methods in the Behavioral Sciences**

See Sociology and Anthropology 411f-412w-413s. 2 credits. Staff

### **454f-455w-456s. Psychological Theory**

A study of the fundamental ideas, concepts, theories, and problems of the chief areas in the field of psychology, with special emphasis on theory construction. Prerequisite: Psychology 211. 2 credits. Likely

## *Radio*

FRUTCHEY

### **241f. Radio Station Operation**

This course is designed to present to the student a complete, although rudimentary, approach to all phases of radio broadcasting. One hour class work and four hours of operating work in radio station per week are required. Prerequisite: Speech 101. 3 credits. Frutchey

### **242w. Radio Studio Technique**

This is a course in announcing, studio set-up, and operation. One one-hour class period and four hours of announcing per week in radio station are required. Prerequisite: Radio 241f. 3 credits. Frutchey

### **243s. Radio Production Technique**

A course in the production of radio programs, both dramatic and musical. One hour of class work and four hours work in radio station per week are required. Prerequisite: Radio 242w. 3 credits. Frutchey

### **341f-342w-343s. Applied Radio Production**

In the fall term students produce programs that consist of records and transcriptions. During the winter term students produce live studio programs. During the spring term emphasis is placed on producing special feature programs originating outside the radio studio. Prerequisite: Radio 241f, 242w, 243s, or their equivalent, and the consent of the instructor. 3 credits. Frutchey

## *Religion*

DARRAH

### **227f. The Old Testament**

A study of the literature and religion of the Old Testament. This course is not recommended for freshmen. 5 credits. Darrah

### **229s. The New Testament**

A study of the content, character, hope, and promise of the New Testament. This course is not recommended for freshmen. 5 credits. Darrah

## *Secretarial Courses*

MAGOUN

Thirty credits are offered and may be taken in secretarial courses. Grades will be given and full credit shown on transcripts for all work so elected. No student, however, may count more than fifteen credits of secretarial courses toward a Rollins College degree.

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### 161f-162w-163s. Elementary Typing

Mastery of the keyboard and application of typewriting skill to the preparation of letters and simple manuscripts. Development of speed, accuracy, and correct typing habits. 2 credits. Magoun

### 164f-165w-166s. Fundamentals of Shorthand

The principles of Gregg shorthand, development of proficiency in writing shorthand from dictation, some practice in transcription, complete coverage of shorthand theory. Prerequisite: demonstration of typing ability equivalent to secretarial courses 161f-162w-163s, or enrollment in those courses. 3 credits; with typing, 5 credits. Magoun

### 261f-262w. Advanced Typing

Improvement in typewriting habits and techniques, development of speed and accuracy in sustained typing, application of typing skills to tabular and statistical materials. Prerequisite: secretarial course(s) 161f-162w-163s. 2 credits. Magoun

### 263s. Office Practice

Development of facility in taking dictation directly on typewriter, preparation of contracts, financial reports, and other business forms. Typing of manuscripts, plays, scenarios, and radio sequences. Observation and some use of various office machines. Prerequisite: secretarial course 261f-262w or its equivalent. 2 credits; with secretarial course 266s, 5 credits. Magoun

### 264f-265w. Advanced Shorthand

Review of shorthand theory, intensive practice for speed and accuracy in taking dictation and in transcription. Prerequisite: secretarial course 164f-165w-166s. 3 credits; with typing, 5 credits. Magoun

### 266s. Secretarial Practice

Training in a wide variety of techniques, and sampling of specific secretarial duties that are encountered in typical business establishments. Some advanced dictation and transcription. Prerequisite: secretarial course 264f-265w or its equivalent. 3 credits; with secretarial course 263s, 5 credits. Magoun

## *Sociology and Anthropology*

DEGROOT, GEISEL

The student majoring in Sociology and Anthropology must take, in his first two years, Sociology and Anthropology 201-202, and 205, and Psychology 201. He should also schedule a course in United States history and Philosophy 203.

In the junior and senior years the student must take Sociology and Anthropology 301-302, 407-408, 411-412, 413, 414-415-416. He must elect at least one other 300- or 400-level course in this field. Strongly recommended courses in related fields in the last two years are to be elected in consultation with the major adviser in as many of the following areas as possible: psychology, philosophy, history and government, and economics. These courses in the last two years should be 300- or 400-level courses. In certain exceptional cases, one or more of the specific requirements may be modified by the student's major adviser in the Department of Sociology and Anthropology.

Students considering graduate work in sociology and/or



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anthropology should develop a reading knowledge of French or German, or preferably both. Such knowledge, while desirable, is not essential for the graduate student in social work.

### **201f; 201w. Introduction to Anthropology**

An introduction to the field of anthropology. Human origins and evolution, the development of human racial types, and the prehistoric development of human cultures. Particular attention is paid to the analysis of human behavior in a cross-cultural context. 5 credits. DeGroot, Geisel

### **202w; 202s. Introduction to Sociology**

An introduction to the field of sociology. The major concepts utilized by sociologists in analyzing socio-cultural behavior are considered. Human groups, their structure and functioning, and the significance of group phenomena for understanding human behavior are particularly emphasized. 5 credits. DeGroot, Geisel

### **205s. Social Psychology**

See Psychology 205. 5 credits.

Geisel

### **208s. Marriage and the Family**

Study of the family as a social system, including the functions of the family, parent-child relationship, courtship, love, and marriage in American society. Some attention is given to family disorganization. Prerequisite: Sociology 201-202. 5 credits. Geisel

### **301w-302s. Advanced General Anthropology**

An intensive two-term study of the following areas: human origins and evolution, the development and characteristics of human races, the present state of development of man's physical characteristics, the main archaeological concepts and methods, and an intensive review of the concepts, methods, and materials of cultural anthropology. Required of all sociology and anthropology majors. Open only to juniors and seniors. Prerequisite: Sociology 201-202. 5 credits. DeGroot

### **309f. Industrial Sociology**

Study of the development of industry in American society and the analysis of the factory as a social system. Attention is given to such matters as the nature and growth of formal and informal organizations, labor-management relations as conceived sociologically and problems of group motivation, attitudes, and morale. Prerequisite: Sociology 201-202. 5 credits. DeGroot

### **314f, 315w, 316s. Sociology and Anthropology Seminar**

Alternates with Sociology 414, 415, 416. 2 credits. (1962-63) DeGroot

### **318s. Ethnic Group Relations**

A study of the position in society of selected ethnic groups. Historical and cultural factors contributing to the difficulties that persist is considered, and some attention is given to the effects upon human personality of ethnic group status. Prerequisite: Sociology 202 or Sociology 302. 5 credits. (1961-62) DeGroot

### **325f. Social Disorganization**

An analysis, from the Behavioral Science viewpoint, of the phenomena of individual and group disorganization. Disorganization phenomena such as alcoholism, drug addiction, crime, divorce and suicide are studied within the context of socio-cultural milieu. Particular attention is paid to the

## The Rollins Curriculum

relationships between social change variables and social disorganization.  
5 credits.

### 331s. Criminology

An investigation of what is scientifically known about crime and criminal behavior. The extent and types of criminal behavior are analyzed. Causative theories are examined and related to penological and rehabilitative programs as these have developed historically and as they operate today.  
5 credits. DeGroot

### 407f-408w. Comparative Social Structure

A study of the variations in social structure, that are characteristic of human societies. Included is an analysis of American social structure, plus such other societies as those of China, modern Russia, the Eskimo, Navaho, and Nuer. Required of all majors. Prerequisite: Sociology 201-202, and 301-302. Open only to juniors and seniors. 5 credits.  
Geisel

### 409w. Culture Patterns and Personality

The distinctive anthropological contributions to an understanding of the development of human personality are studied. Topics include variations in personality as associated with variations in culture, "natural character" and its implications and the range of personality differences within various modern and non-literate cultures. Prerequisite: Sociology 301-302, or Psychology 201. 5 credits.  
DeGroot

### 411f-412w-413s. Research Methods in the Behavioral Sciences

Study of the research methods that are common to the behavioral sciences, and practice in their use. Attention is given to the formulation of research problems, specific techniques of data-gathering and analysis, and the formation of scientific generalizations. The student is instructed in elementary statistical analysis, sampling procedure, and scaling techniques and in the design and use of the interview, questionnaire, and case study. Each student participates in a research project, either with the class or by means of individual work under the direction of an instructor. This course is designed for all students majoring in the social studies, and research assignments are planned, as far as possible, on the basis of consultation between the instructors in the course and the professors in the student's major department. 2 credits.  
DeGroot, Geisel

### 414f, 415w, 416s. Sociology and Anthropology

Exploration of major problems and concepts in "Sociology and Anthropology" through some of the outstanding works in these fields. The cultural approach in understanding society and the individual is stressed. Open only to juniors and seniors. Prerequisite: Sociology 201-202, or Sociology 301-302, or the consent of the instructor. Alternates with Sociology 314, 315, 316. 2 credits.  
DeGroot

## Speech

ALLEN, CHASE, DRABIK

### 101f; 101w; 101s. Fundamentals of Speech

A practical course in the fundamentals of public speaking: principles, actual practice, and constructive criticism. Open to all students. 5 credits.  
Allen, Drabik

### 201w. Voice and Diction

A course designed to help the student cultivate an effective speaking



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voice, and intelligible, expressive diction. Emphasis is on the practical oral aspects of voice production through individual and group practice in oral reading and exercises. The course establishes standards of good voice and diction and develops an awareness of good voice and diction, theoretical background is given and practical exercises are taught for the production of good voice and diction. 5 credits. Open to all students.  
Drabik

### 212s. Oral Interpretation of Literature

Oral re-creation of literature for an audience, and principles and practice in comprehension, appreciation and skill in projecting literary material of various kinds. Prerequisite: Speech 101. 5 credits. Allen

### 322f. Modern Speech Practices

Training in the practical problems of speech as they appear in business and professional speaking situations. Practice in constructing and delivering special types of speeches for business and professional speaking. Attention to the elements of delivery: voice quality, diction, bodily action. Prerequisite: Speech 101. 5 credits. Drabik

### 323s. Advanced Public Speaking

Techniques and practice in developing ideas, persuasive speaking and argumentation. The reading material will also introduce the student to some principles of simple logic and semantics to help clarify thinking and expression. Prerequisite: Speech 101 or consent of the instructor. Enrollment limited to 16 students. 5 credits. Chase

## Theatre Arts

ALLEN, CHASE, FEHER, WAGNER

A student who majors in Theatre Arts should be able to demonstrate, through performance, a high degree of proficiency in the acting, directing, designing, and production of all types and styles of plays. To achieve this proficiency, every student is expected to take certain specified courses in his major field, and to participate in at least two major dramatic events in this field each year.

Required courses during the first two years:

Fundamentals of Speech (Speech 101) or  
Voice and Diction (Speech 201)  
An Introduction to the Theatre (121-122)  
Beginning Acting (151-152)  
Intermediate Acting (251)  
Stagecraft (261)

Required courses during the last two years:

Theatre Arts:

Advanced Acting (304-305)  
Directing (401)

English:

Shakespeare (English 317, 318)  
Development of the Drama (English 351, 352) or  
Twentieth Century Drama—two terms—(English 363,  
364)

Students who are interested in a combined major in Theatre Arts and Creative Arts should consult an adviser in one of these departments.

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### 121w-122s. An Introduction to the Theatre

The first term includes an analysis of the play scripts, the fundamentals of acting, directing, and design of the production, and an approach to dramatic criticism from the standpoint of increasing the understanding, critical capacity, and enjoyment of the student as a playgoer. The second term is designed to give the student an opportunity to study the important trends, production methods, and personalities in the theatre from the Greek theatre through contemporary theatre. Both terms are required of majors, and are open to all students. 5 credits. Allen, Chase

### 151f-152w. Beginning Acting

A course in the fundamentals of acting technique. Included are exercises in concentration, observation, imagination, sense and emotion, memory, actions, and objectives. The second term is spent in the preparation of scenes. Required of majors, but open to other students. 5 credits. Chase

### 251f; 251w. Intermediate Acting

This course is planned to give the student additional experience in the preparation of more advanced scenes. Prerequisite: Theatre Arts 151-152. 5 credits. Wagner

### 261f; 261w; 261s. Stagecraft

Theory and practice in the technical aspects of the design, construction, painting, and lighting of scenery, with some consideration of the historical development of the art of stagecraft. Open to all students, but required of majors. 5 credits. Feher

### 271w. Introduction to Stage Lighting

An introductory course covering the fundamental elements of stage lighting. Special emphasis on the function of light on the stage for the purpose of illumination and as a form-giving element in design. Survey of various approaches to lighting drama, musical comedy, arena staging, etc. Prerequisite: Theatre Arts 261. Two one-hour sessions a week. 2 credits.

### 304w-305s. Advanced Acting

Preparation of scenes from Shakespeare, Chekov, Shaw, Williams, Miller, etc., with special emphasis on building a character with the use of both inner and outer technique. Prerequisite: Theatre Arts 251. 5 credits. Wagner

### 307s. Advanced Stage Design

A course designed primarily for advanced Theatre Arts and Art majors who desire further studies in the theories and practice of modern stage design and lighting. Lectures, work on models, and design and execution of the set for the one-act play. Prerequisite: Theatre Arts 261. 5 credits. Feher

### 401s. Directing

A course designed to acquaint the student with the principles of directing. Each student directs one one-act play, which is presented in public performance. Required of majors, and open to other students with the permission of the instructor. 5 credits. Wagner



## *Conservatory of Music*

A. CARLO, J. CARTER, FISCHER, C. GLEASON, HORSZOWSKI,  
HUFSTADER, MOORE, ROSAZZA, WEBBER, G. WILSON

The courses of study in the Conservatory of Music, which is a department of Rollins College, are arranged in accordance with the general aims and program of the college. The requirements for entrance and for graduation, as set forth in this catalog, are also in accordance with the published regulations of the National Association of Schools of Music, in which the Rollins Conservatory of Music has full membership.

Students in music may matriculate for the Bachelor of Music degree, or for the Bachelor of Arts degree with a major in music. With additional study, a student may secure both the Bachelor of Arts and the Bachelor of Music degrees. All regularly enrolled students of the college, whether pursuing work leading to the Bachelor of Arts or the Bachelor of Music degree, are entitled to instruction in music, without additional fees, which permits the use of the conservatory library and practice room facilities.

### **COURSE LEADING TO BACHELOR OF MUSIC DEGREE**

The award of the degree of Bachelor of Music to a student at Rollins College certifies that the candidate has acquired a specified training in music and a skill in a field of specialization, and is in possession of the qualities needed for good citizenship.

In the first two years, the student in the Conservatory of Music acquires broad fundamental training, while in the third and fourth years he pursues specialized work. Approximately two-thirds of the work is in music and one-third in courses other than music.

### **COURSE LEADING TO BACHELOR OF ARTS DEGREE WITH MAJOR IN MUSIC**

Students who wish to qualify for the Bachelor of Arts degree with a major in Music must complete the first and second year requirements for both the Bachelor of Arts and the Bachelor of Music courses. The proportion of work required for this degree in fields other than music is greater

## Rollins College

than that required for the Bachelor of Music degree. See page 83.

### COURSE LEADING TO BACHELOR OF ARTS AND BACHELOR OF MUSIC DEGREES

Students who expect to qualify for both degrees should indicate their intention at the time they complete the first- and second-year requirements for the Bachelor of Music degree and should consult both the Dean of the College and the Director of the Conservatory before proceeding.

To complete the work for both degrees may take at least five years. The actual time required depends upon the qualifications of the individual student.

### ENTRANCE REQUIREMENTS

The musical preparation required for the degree courses, whether or not expressed in units accepted for high school graduation, includes a knowledge of notation, and keys and scale construction. Upon entrance, the student selects a major subject in consultation with the Director of the Conservatory.

An audition or conference will be given by the conservatory faculty to all entering students majoring in Music.

**Choral Conducting.** To enter the four-year degree course in choral conducting the student must show marked musical talent and definite qualities of leadership.

**Music Education.** To enter the four-year degree course in music education, the student must possess satisfactory performance proficiency on one instrument which will become his principal instrument of study. Also he should be able to sing in tune and should possess personal qualities that are desirable in a teacher.

**Organ.** To enter the four-year degree course in organ the student should have completed sufficient piano study to enable him to perform some of the Bach **Inventions**, the Mozart **Sonatas**, and the easier Beethoven **Sonatas** or works of comparable difficulty.

**Piano.** To enter the four-year degree course in piano the student should possess a reliable technique. He should be prepared to play all major and minor scales correctly in moderately rapid tempo, as well as arpeggios in all keys.



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He should have acquired systematic methods of practice. He should have studied some of the standard etudes, such as Czerny, **Op. 299, Vol. 1**; Heller, **Op. 46 and 47**; Bach, **Little Preludes**; Bach, **Two Part Inventions** and compositions of such difficulty as:

Haydn, **Sonata No. 11 G major No. 20 (Schirmer)**

Mozart, **Sonata C major No. 3, F major No. 13 (Schirmer)**

Beethoven, **Variation on "Nel cor piu non mi sento," Sonata Op. 49, No. 1**

Schubert, **Impromptu Op. 142, No. 2**

Easier compositions from the romantic and modern periods.

**Violin.** To enter the four-year degree course in violin, the student should play satisfactorily the major and minor scales and arpeggios in three octaves, and etudes of the difficulty of Kreutzer **Etudes Nos. 1 to 32**. In addition the student should be able to perform satisfactorily a sonata by Corelli, Tartini, or Vivaldi and the first movement of a concerto by Haydn, Mozart, or Viotti. An elementary knowledge of the pianoforte is urgently recommended.

**Voice.** To enter the four-year degree course in voice, the student should be able to sing with musical intelligence standard songs in English (the simpler classics are recommended). He should also demonstrate his ability to read a simple song at sight. Elementary training in piano is urgently recommended.

### MAJOR REQUIREMENTS FOR THE DEGREE OF BACHELOR OF MUSIC

A student must complete a course of study in his major field as outlined in departmental listings below. Students majoring in applied music must meet the minimum requirement of a half-recital from memory in the junior year, and in the senior year he must give a complete solo recital from memory. Composition majors must present a program of original works before graduation. Students majoring in music education are expected to demonstrate proficiency in a principal performance medium during their senior year, and to study secondary instruments as listed in the course of study for the music education major. All performing

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students are expected to participate in and attend student recitals, and may appear in other public performances with the approval of the faculty. A specified number of hours of recital attendance by all music majors is mandatory for graduation. Examinations of technical and musical progress will be given at the end of the freshman and sophomore years.

### **Choral Conducting:**

1. Freshman and sophomore years:  
The student must meet the requirements of the choral conducting major as outlined on page 106.
2. Junior and senior years:  
The student must pursue the program outlined for the choral conducting major and he must conduct a junior and senior recital.

### **Composition:**

1. Freshman and sophomore years:  
The student must show unusual aptitude in theoretical courses and must possess marked creative ability.
2. Junior and senior years:  
The student must be able to compose in the larger forms of the sonata, fugue, etc., as well as in the lyric forms of the song and the instrumental piece. The scoring of a composition for full orchestra is required.

### **Music Education:**

1. Freshman and sophomore years:  
The student must meet the requirements of the music education major as outlined on page 109.
2. Junior and senior years:  
The student must pursue the program outlined for the music education major and demonstrate proficiency in his principal instrument through public performance during the senior year.

### **Organ:**

1. Freshman and sophomore years:  
The student must show technical and musical development in the performance of the easier chorale-preludes and preludes and fugues of Bach, the works of pre-Bach composers, the chorale-prelude of Brahms, and selected works by composers of the romantic and contemporary periods.



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### 2. Junior and senior years:

The student must be able to perform compositions selected from the larger works of Bach and Franck, and compositions by Hindemith, Sowerby, Alain, Langlais, Messiaen, and others.

### Piano:

#### 1. Freshman and sophomore years:

The student must show technical proficiency in scales and arpeggios, and in the performance of advanced technical materials. The student must be able to perform works that are equivalent in musical and technical difficulty to the following:

Bach, **3-Part Inventions, French or English Suites**

Mozart, **Sonata in D major, K284**

Beethoven, **Sonata Opus 10, Nos. 2 and 3**

Schumann, **Fantasiestuecke**

Chopin, **Mazurkas and Nocturnes**

Representative modern works

#### 2. Junior and senior years:

The student must be able to perform compositions selected from the larger keyboard works of Bach, the later sonatas of Beethoven, or a concerto of equal difficulty; shorter pieces from the works of Brahms, Chopin, Schumann, Debussy, and some modern works.

### Voice:

#### 1. Freshman and sophomore years:

The student must exhibit command of breathing, phrasing, and musical style as well as the ability to sing satisfactorily such works as songs from the earlier Italian composers, and lieder, and oratorio and operatic arias.

#### 2. Junior and senior years:

Performance of the more difficult arias from oratorios and operas in Italian, French, German, and English is required. Emphasis will be given to the art songs of contemporary literature.

### Violin:

#### 1. Freshman and sophomore years:

The student must be able to play satisfactorily major and minor scales in three octaves; studies by Kreutzer, Fiorillo, etc.; standard concerti by Bach, Vivaldi, and Mozart;

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sonatas by Handel and Mozart; and shorter representative pieces.

### **2. Junior and senior years:**

The student must be able to perform satisfactorily studies equal in difficulty to those of Rode, Gavinies, Paganini; Bach sonatas for violin alone; advanced concerti and sonatas from the classic romantic, and modern repertoire. Two years of ensemble, and study of the viola as a secondary instrument, are required.

### **Violoncello:**

#### **1. Freshman and sophomore years:**

The student must be able to play suitable scales, exercises, easier sonatas, and recital pieces.

#### **2. Junior and senior years:**

The student must be able to play the more difficult sonatas and representative concerti, as well as concert pieces from the standard classic and modern repertoire. Two years of ensemble playing are required.

In addition to taking the required subjects and some music electives, all music majors, in consultation with their advisers, must select from academic courses approximately one-third of the total scheduled hours. All music majors must meet the requirements for graduation outlined on pages 41, 42, and 43.

## **OUTLINE OF COURSES OF STUDY**

### **Bachelor of Music Degree with Choral Conducting Major.**

The courses include the following studies:

#### **1. Freshman and sophomore years:**

Harmony (104, 105, 106)

Sight-singing and Dictation (107, 108, 109)

Introduction to Music Literature (101, 102, 103)

Advanced Harmony (214-215-216)

Advanced Sight-Singing and Dictation (217-218-219)

History of Music (224-225-226)

Selected survey courses (3 credits)

Applied Music (Piano and Voice)

#### **2. Junior and senior years:**

Sixteenth Century Counterpoint (301-302)

Form and Analysis (306)



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Instrumentation and Orchestration (307-308-309)  
Canon and Fugue (401)  
Conducting (314-315-316)  
Advanced Conducting (414, 415, 416)  
Conducting—Private Instruction (317-318-319)  
Advanced Conducting—Private Instruction (417-418-419)  
Choral Music Surveys (357, 358, 359) (457, 458, 459)  
Score Analysis and Advanced Dictation (427-428-429)  
Selected survey courses (3 credits)

### **3. Academic Courses:**

Approximately one-third of the total scheduled hours of the student's course of study is devoted to subjects of general cultural value, including a course in the study of poetry as well as two full years of foreign language, one of which is taken in the first two years. Entrance credit in language is not counted.

### **Bachelor of Music Degree with Composition Major**

The courses include the following studies:

#### **1. Theoretical Music:**

Freshman and sophomore years:

Harmony (104, 105, 106)  
Sight-singing and Dictation (107, 108, 109)  
Introduction to Music Literature (101, 102, 103)  
Advanced Harmony (214-215-216)  
Advanced Sight-Singing and Dictation (217-218-219)  
History of Music (224-225-226)  
Selected survey courses (3 credits)

Junior and senior years:

Sixteenth Century Counterpoint (301-302)  
Form and Analysis (306)  
Instrumentation and Orchestration (307-308-309)  
Selected survey courses (3 credits)  
Canon and Fugue (401)  
Composition (391-392-393)  
Advanced Composition (491-492-493)

#### **2. Music Electives:**

Survey of German Lieder (327)  
Survey of Beethoven Pianoforte Sonatas (328-329)  
Oratorio Analysis (337)

## **Rollins College**

Survey of Chamber Music (339)  
Conducting (314-315-316)  
Choral Music Surveys (357, 358, 359) (457, 458, 459)  
Advanced Conducting (414, 415, 416)  
Selected survey courses (3 credits)

### **3. Applied Music:**

The student will continue the study of applied music throughout the four years of his course, whether or not the piano is the major instrument. A thorough knowledge of the pianoforte should be acquired and, if possible, the student should spend one term each in the study of three orchestral instruments, including one from each section of the orchestra: strings, woodwinds, and brass.

### **4. Academic Courses:**

Approximately one-third of the total scheduled hours of the student's course of study is devoted to subjects of general cultural value, and is selected in consultation with the student's adviser.

## **Bachelor of Music Degree with Instrumental Major Piano, Violin, 'Cello, etc.**

The courses include the following studies:

### **1. The study of applied music, consisting of two private lessons a week, during each of the years of residence.**

### **2. Theoretical Music:**

Freshman and sophomore years:

Harmony (104, 105, 106)  
Sight-singing and Dictation (107, 108, 109)  
Introduction to Music Literature (101, 102, 103)  
Advanced Harmony (214-215-216)  
Advanced Sight-singing and Dictation (217-218-219)  
History of Music (224-225-226)  
Selected survey courses (3 credits)

Junior and senior years:

Sixteenth Century Counterpoint (301-302)  
Form and Analysis (306)  
Instrumentation and Orchestration (307-308-309)  
Canon and Fugue (401)  
Composition (405)  
Selected survey courses (3 credits)



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### **3. Music Electives:**

- Conducting (314-315-316)
- Survey of German Lieder (327)
- Survey of Beethoven Pianoforte Sonatas (328-329)
- Piano Pedagogy and Practice Teaching (334, 335)
- Oratorio Analysis (337)
- Survey of Chamber Music (339)
- Advanced Conducting (414, 415, 416)
- Choral Music Surveys (357, 358, 359) (457, 458, 459)

### **4. Minor Subject:**

Applied music in a minor field may be taken by the piano major at the discretion of the adviser. Students majoring in string or wind instruments are expected to have or to acquire sufficient skill at the piano to enable them to perform music of moderate difficulty.

### **5. Academic Courses:**

Approximately one-third of the total scheduled hours of the student's course of study is devoted to subjects of general cultural value, and is selected in consultation with the student's adviser.

## **Bachelor of Music Degree with Music Education Major**

The courses include the following studies:

### **1. Musical Performance**

The study of:

- a. A principal instrument during each year of residence.
- b. Piano until a desirable proficiency is reached.  
Music education majors are expected to be able to sight-read community songs, simple accompaniments, and simple compositions suitable for rhythmic activities; to harmonize at sight, improvising a simple piano accompaniment for songs found in school music books, and to transpose these to other keys.
- c. Voice (127-128-129)
- d. Orchestral instruments in classes as determined after consultation with the adviser
- e. Conducting (314-315-316)

Participation in choir and/or ensemble

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### **2. Theoretical Music**

Freshman and sophomore years:

- Harmony (104, 105, 106)
- Sight-singing and Dictation (107, 108, 109)
- Introduction to Music Literature (101, 102, 103)
- Advanced Harmony (214-215-216)
- Advanced Sight-singing and Dictation (217-218-219)

Junior and senior years:

- History of Music (324-325-326)
- Choral and/or Instrumental Arranging (407, 408)
- Form and Analysis (306)
- Selected survey courses (3 credits)

### **3. Professional Education**

- Music in the Elementary School (311-312)
- Music in the Junior High School (313)
- Music in the Senior High School (411-412)
- Social Bases of Education (Education 233)
- Child Development (Education 204) and/or Adolescent Development (Education 351)
- School Organization and Programs (Education 324)
- Teaching in Elementary and Secondary Schools (Education 411)
- Internship and Special Methods (Education 414-415-416)

### **4. Music Electives**

- Advanced Conducting (414, 415, 416)
- Canon and Fugue (401)
- Sixteenth Century Counterpoint (301-302)
- Piano Pedagogy (for piano principles)
- Vocal Pedagogy (for voice principles)
- Any of the survey courses (3 credits)

### **5. Academic Courses**

Approximately one-third of the total scheduled hours of the student's course of study is devoted to subjects of general and cultural value selected in consultation with the student's adviser. For Florida certification requirements and those of other states the student should consult his adviser.



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### Bachelor of Music Degree with Organ Major

The courses include the following studies:

1. The study of applied music, consisting of two private lessons a week, during each year of residence.
2. Theoretical Music:

Freshman and sophomore years:

Harmony (104, 105, 106)  
Sight-singing and Dictation (107, 108, 109)  
Introduction to Music Literature (101, 102, 103)  
Advanced Harmony (214-215-216)  
Advanced Sight-singing and Dictation (217-218-219)  
History of Music (224-225-226)  
Selected survey courses (3 credits)

Junior and senior years:

Sixteenth Century Counterpoint (301-302)  
Form and Analysis (306)  
Instrumentation and Orchestration (307-308-309)  
Canon and Fugue (401)  
Church Service Playing (367-368-369)  
Selected survey courses (3 credits)  
Conducting (314-315-316)  
Oratorio Analysis (337)

3. Music Electives:

Survey of Chamber Music (339)  
Piano Pedagogy and Practice Teaching (334, 335)  
Advanced Conducting (414, 415, 416)  
Survey of German Lieder (327)  
Survey of Beethoven Pianoforte Sonatas (328, 329)  
Composition (405)  
Choral Music Surveys (357, 358, 359) (457, 458, 459)

Junior and senior years:

Students are expected to continue the study of piano, if necessary, to meet the requirements of the organ course.

5. Academic Courses:

Approximately one-third of the total scheduled hours of the student's course of study is devoted to subjects of general cultural value, and is selected in consultation with the student's adviser.

### Bachelor of Music Degree with Voice Major

The courses include the following studies:

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1. The study of voice, consisting of two private lessons a week, during each year of residence.

2. Theoretical Music:

Freshman and sophomore years:

Harmony (104, 105, 106)

Sight-singing and Dictation (107, 108, 109)

Introduction to Music Literature (101, 102, 103)

Vocal Workshop (127-128-129)

Advanced Harmony (214-215-216)

Advanced Sight-singing and Dictation (217-218-219)

History of Music (224-225-226)

Song Repertoire (227-228-229)

Selected survey courses (3 credits)

Junior and senior years:

Sixteenth Century Counterpoint (301-302)

Form and Analysis (306)

Conducting (314-315-316)

Selected survey courses (3 credits)

3. Music Electives:

Survey of German Lieder (327)

Survey of Beethoven Pianoforte Sonatas (328, 329)

Oratorio Analysis (337)

Survey of Chamber Music (339)

Canon and Fugue (401)

Composition (405)

Advanced Conducting (414, 415, 416)

4. Minor Subject:

Applied music in a minor field may be taken by the voice major at the discretion of the adviser. Students are expected to have, or to acquire, sufficient skill at the piano to enable them to play accompaniments of moderate difficulty. At least two years of vocal ensemble singing is required, one year of which must be taken in the first two years as a member of Rollins Chapel Choir.

5. Academic Courses:

Approximately one-third of the total scheduled hours of the student's course of study is devoted to subjects of general cultural value, including a course in the study of poetry as well as two full years of foreign language, one



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of which is taken in the first two years. Entrance credit in language is counted.

### *Requirements for Graduation*

Candidates for the Bachelor of Music degree or the Bachelor of Arts degree with a major in music will meet the requirements for graduation outlined on pages 41, 42, and 43.

#### **COURSES OF INSTRUCTION**

See page 51 for explanation of numbering of courses.

#### **Music History and Literature**

These courses are for music majors and other students with sufficient background. The lives and works of great composers are studied and analyzed, and assigned readings are given.

##### **147f, 148w, 149s. Survey of Recorded Music**

A course designed to acquaint the student with the finest of recorded music. Emphasis is placed on listening. 1 credit. Carter

##### **224f-225w-226s. History of Music**

The study of the development of music from primitive times to the present. Correlation with general history, pictures, recordings, illustrative materials, and supplementary outside reading. 3 credits. Carlo

##### **327f. Survey of German Lieder**

1 credit. Carter

##### **329s. Survey of Beethoven Pianoforte Sonatas—Part I**

1 Credit. Moore

##### **329s. Survey of Beethoven Pianoforte Sonatas—Part II**

1 Credit. Moore

##### **337f. Oratorio Analysis**

Major choral works to be presented at the Bach Festival will be studied in detail. 1 credit. Hufstader

##### **339s. (Part I) Survey of Chamber Music**

Development of chamber music from the early seventeenth century through the last quartets of Beethoven. Composers discussed are Corelli, Bach, Handel, Haydn, Mozart, and Beethoven. Trios, quartets, and quintets are listened to and analyzed. 1 credit. Carlo

##### **339s. (Part II) Survey of Chamber Music**

A continuation of Part I. German Romantic School: Chamber works of Schubert, Schumann, and Brahms, French Impressionistic School: Debussy and Ravel, contemporary composers: Bartok, Hindemith, etc. Prerequisite: Music 339, Part I. 1 credit. Carlo

##### **347f, 348w, 349s. Survey of Recorded Music**

A course designed to acquaint the student with the finest recorded music in various media. Emphasis is placed on listening. Consent of the instructor is required. Prerequisite: Music 147, 148, 149. 1 credit. Carter

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### **357f, 358w, 359s. Choral Music Survey**

Fall—Gregorian Chant and Liturgy; winter — Medieval music up to 1500; spring—Renaissance music. 1 *credit*. Hufstader

### **377w. Survey of Piano Literature of the Nineteenth Century**

Piano literature by composers from Schubert to Faure. 1 *credit*. Moore

### **378s. Contemporary Piano Literature**

Piano literature from Debussy to the present. 1 *credit*. G. Wilson

### **379f. The Keyboard Works of J. S. Bach**

Analysis of the polyphonic forms for the keyboard. Included are Bach's *Two-Part Inventions*, *Three-Part Sinfonias*, *The Well-Tempered Clavier*, and large works in suite form. 1 *credit*. Carter

### **457f, 458w, 459s. Choral Music Survey**

Fall — Eighteenth century (Bach, Handel, and contemporaries); winter — Nineteenth century (Brahms, Schubert, Mozart, etc.); spring — Contemporary choral music. 1 *credit*. Hufstader

## *Theory*

### **104f, 105w, 106s. Harmony**

Presentation of the elements of music and their combination in simple and complex melodic and choral structures. The use of dissonance, diatonic, and chromatic, and the organization of simple musical forms. Special emphasis upon the chorale style of J. S. Bach. 3 *credits*. Carter

### **107f, 108w, 109s. Sight-singing and Dictation**

The singing of progressively graded material stressing melodic and harmonic values. Study of meter. Development of skill in rhythmic and melodic dictation, with special emphasis on harmonic and contrapuntal hearing. Aural analysis of music literature selected from examples of the eighteenth century to the present. 2 *credits*. Hufstader

### **101f, 102w, 103s. Introduction to Music Literature**

A course designed to introduce the student to the widely varying styles, forms, and compositional techniques in the history and development of the freshman year. Open to non-major students with consent of instructor. 1 *credit*. Carlo

### **214f-215w-216s. Advanced Harmony**

Advanced study of the materials of Music Theory 104-105-106. 3 *credits*. Carter

### **217f-218w-219s. Advanced Sight-singing and Dictation**

Advanced study of the materials of Music Theory 107-108-109. 3 *credits*. Carlo

### **304f, 305w, 306s. Keyboard Harmony**

A class designed to combine musical knowledge and understanding with keyboard skills. Included are vocabulary (scales, intervals, chords), figured harmony from a bass line, cadences, part-writing applied to the keyboard, modulation, clef-reading, transposition, and score reading. 2 *credits*. G. Wilson



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### 301f-302w. Sixteenth Century Counterpoint

Study of the history, the evolution of style, and the aesthetic and musical materials of liturgical music of the sixteenth century, culminating in the music of Palestrina. Practical application through the five species of counterpoint preparatory to composition in small forms to Latin texts. 3 credits. Carter

### 306s. Form and Analysis

Special reference to the solution of formal problems by the composer, and a survey of orchestral and harmonic techniques. 3 credits. Carter

### 307f-308w-309s. Instrumentation and Orchestration

A study of the various orchestral instruments. Practical work in arranging music for the different orchestral choirs and for a full symphony, orchestra. Training in reading scores of great symphonic composers. 2 credits. Carlo

### 407s. Choral Arranging

Designed to provide practical experience in writing, arranging, and editing music suitable for choral groups in the public schools. 2 credits. Hufstader

### 408. Instrumental Arranging

A practical study of the various band and orchestral instruments in terms of range, tone quality, technical possibilities, appropriate combination and use in scoring for public school instrumental groups. 2 credits. Carlo

### 401f. Canon and Fugue

Practical application of contrapuntal devices and procedures of canon and fugue to original composition by the student. A survey of Bach's *The Well-Tempered Clavichord* is preparatory to the detailed analysis of his *Musical Offering and Art of Fugue*. 3 Credits. Carter

### 111f-112w; 111w-112s. Fundamentals of Music

See Page 84. 1 credit.

Hufstader

## Composition

The courses in composition evaluate traditional and contemporary practices in the use of harmonic color and melodic and formal organization. Discussion is based largely upon the problems arising from the manuscripts of students.

### 391f-392w-393s. Composition

Private Instruction. 5 credits.

Carter

### 405w. Composition

1 credit.

Carter

### 491f-492w-493s. Advanced Composition

Private Instruction. 5 credits.

Carter

## Conducting

The elementary course is designed to prepare the student in the basic elements of the art of conducting, and to give him

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practical experience in leading group singing and training and conducting small ensembles.

The advanced course offers intensive, more advanced work and is designed to acquaint the student with a considerable repertoire of material that is useful in musical leadership in school, church, college, or community. Emphasis is placed on musicianship, score analysis, and baton technique.

### **314f-315w-316s. Conducting**

2 credits.

Hufstader

### **317f-318w-319s. Conducting**

Individual Instruction. 2 credits.

Hufstader

### **357f, 358w, 359s. Choral Music Survey**

Fall — Gregorian Chant and Liturgy; winter — Medieval music up to 1500; spring — Renaissance music. 1 credit.

Hufstader

### **414f, 415w, 416s. Advanced Conducting**

2 credits.

Hufstader

### **417f-418w-419s. Advanced Conducting**

Individual Instruction. 2 credits.

Hufstader

### **427f-428w-429s. Score Analysis and Advanced Dictation**

1 credit.

Hufstader

### **457f, 458w, 459s. Choral Music Survey**

Fall — eighteenth century (Bach, Handel, and contemporaries); winter — nineteenth century (Brahms, Schubert, Mozart, etc.); spring — contemporary choral music. 1 credit.

Hufstader

## *Music Education*

The music education courses provide intensive study of the basic philosophies, methods, materials, and techniques for teaching and supervising music in the public schools. Observation and practice teaching are required.

### **311f-312w. Music in the Elementary School**

Basic concepts and procedures for teaching music from kindergarten through grade six. Included is the study of child growth and development through singing, listening, rhythmic activities, playing instruments, creating, and reading. 3 credits.

Webber

### **313s. Music in the Junior High School**

A study of the music program in junior high school with special attention to the musical needs of the adolescent, the boy's changing voice, the organization of choral, instrumental, and general music classes. 3 credits.

Webber

### **411f-412f. Music in the Senior High School**

The organization and implementation of formal and informal high school music activities with attention to the general music and music appreciation classes as well as theoretical, choral, and instrumental groups. 3 credits.

Webber



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### 413s. Problems in School Music

Practical consideration of the total school music program in terms of curriculum, administration, supervision, scheduling, equipment and supplies, community relationships. 3 credits. Webber

## Piano

CARTER, HORSZOWSKI, MOORE, WEBBER, G. WILSON

### 131f, 132w, 133s. First Year Piano

5 credits.

### 231f, 232w, 233s. Second Year Piano

5 credits.

### 331f, 332w, 333s. Third Year Piano

5 credits.

### 431f, 432w, 433s. Fourth Year Piano

Mieczyslaw Horszowski, internationally distinguished pianist, visits the Conservatory for one week each term. Mr. Horszowski gives daily master-classes of three hours each during each visit, at which major piano students are instructed. Private lessons for these students are given by Mr. Horszowski upon recommendation of the piano faculty.

### 181f, 182w, 183s, etc. Applied Music

Private and class instruction. The consent of the instructor is required. 1 or 2 credits with permission of the instructor.

## Piano Pedagogy

A course for piano majors, with special emphasis on the principles of learning as applied to private and group instruction. Included are a comparative analysis of various approaches for the beginner; intensive study of methods and materials for the development of reading skills, technique, and musicianship; analysis of problems in program building, memorization, and performance.

### 334w. Piano Methods and Materials

Observation of pre-college piano instruction is required. 2 credits. Webber

### 335s. Practice Teaching

Prerequisite: Piano Methods 334. 2 credits.

## Stringed Instruments

CARLO, FISCHER

In violin the student will cover material selected from such technical foundation work as Sevcik, Dounis, and Flesch; etudes from Kreutzer through Paganini; and the standard advanced solo repertoire of concerti, sonatas, and shorter compositions selected from the works of composers from the eighteenth century to the present. Attention is given to solo, ensemble, and orchestral aspects of violin playing.

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### **141f, 142w, 143s. First Year Violin**

*5 credits.*

### **241f, 242w, 243s. Second Year Violin**

*5 credits.*

### **341f, 342w, 343. Third Year Violin**

*5 credits.*

### **441f, 442w, 443s. Fourth Year Violin**

*5 credits.*

### **144f, 145w, 146s. First Year Viola**

*5 credits.*

### **244f, 245w, 246s. Second Year Viola**

*5 credits.*

### **344f, 345w, 346s. Third Year Viola**

*5 credits.*

### **444f, 445w, 446s. Fourth Year Viola**

*5 credits.*

### **151f, 152w, 153s. First Year Cello**

*5 credits.*

### **251f, 252w, 253s. Second Year Cello**

*5 credits.*

### **351f, 352w, 353s. Third Year Cello**

*5 credits.*

### **451f, 452w, 453s. Fourth Year Cello**

*5 credits.*

### **184f, 185w, 186s. String Class Instruction**

A course designed to provide elementary training in playing stringed instruments. Emphasis is placed on ensemble experience leading to the benefits and enjoyment of group participation. *1 credit.* Carlo

### **191f, 192w, 193s. Instrumental Ensemble**

Study and performance of chamber music literature for various small combinations of instruments, including strings, keyboard, and woodwinds. *1 credit.* Carlo

### **181f-182w, 183s. Applied Music (Private Instruction)**

The consent of the instructor is required. *1 or 2 credits* with permission of the instructor.

## **Voice**

ROSAZZA

In addition to frequent appearances in public recitals, the Voice Department offers its students the opportunity for occa-



## The Rollins Curriculum

sional participation in music productions in Annie Russell Theatre, as well as solo performances with the Chapel Choir and Rollins Singers, and participation on radio programs. The courses include the developing of vocal technique and musicianly style in singing. The literature includes opera, oratorio, and art songs of the great composers.

### **121f, 122w, 123s. First Year Singing**

4 credits.

### **221f, 222w, 223s. Second Year Singing**

4 credits.

### **321f, 322w, 323s. Third Year Singing**

4 credits.

### **421f, 422w, 423s. Fourth Year Singing**

5 credits.

### **127f-128w-129s. Vocal Workshop**

A laboratory workshop dealing with the fundamentals of voice production and the basic principles of singing. Required of all beginning voice students. 1 credit.

Rosazza

### **227f-228w-229s. Song Repertoire**

A studio course designed to enrich the voice student's repertoire and to stimulate his progress through research, analysis and performance. Required of all voice majors. Prerequisite: Music 127-128-129. 1 credit.

Rosazza

### **181f-182w, 183s, etc. Applied Music (Private Instruction)**

The consent of the instructor is required. 1 or 2 credits with permission of the Director of the Conservatory.

## *Vocal Pedagogy*

A course for voice majors with emphasis on fundamentals of breath control, tone production, diction and vocal analysis. Practice teaching is conducted under the guidance of Professor Rosazza and through observation and assistance in the vocal workshop.

Rosazza

## **WOODWIND AND BRASS INSTRUMENTS**

Private instruction in woodwind and brass instruments is offered primarily to music education majors. College students may, however, register for this instruction after consultation with the Director of the Conservatory.

### **181f, 182w, 183s. Applied Music (Private Instruction)**

The consent of the instructor is required. 1 or 2 credits with the permission of the instructor.

### **Brass Class Instruction**

Elementary instruction in the fundamental principles of tone production and fingering. 1 credit.

### **Woodwind Class Instruction**

Faculty for woodwind and brass instruction will be drawn from mem-

## Rollins College

bers of the Florida Symphony Orchestra, and from the Orange County Public Schools. 1 *credit*.

### *Organ*

C. GLEASON, G. WILSON

The courses are designed to develop the student musically and technically in the music of the baroque, romantic, and contemporary periods. Special emphasis is placed on the needs of the church organist, on registration, on history of the organ, and on style in performance.

#### **171f, 172w, 173s. First Year Organ**

5 *credits*.

#### **271f, 272w, 273. Second Year Organ**

5 *credits*.

#### **371f, 372w, 373s. Third Year Organ**

5 *credits*.

#### **471f, 472w, 473s. Fourth Year Organ**

5 *credits*.

#### **181f-182w, 183, etc. Applied Music (Organ)**

For non-organ majors. 1 *credit*.

#### **367f-368w-369s. Church Service Playing**

A practical study of the church service, including hymn-playing; the accompaniment of solos, anthems, cantatas and oratorios; and modulation and improvisation. Opportunity will be given to the student to play at rehearsals of the Chapel Choir and at Chapel services. Required of organ majors. Open to non-organ majors with the consent of the instructor. 1 *credit*.

Gleason





Campus Gardens





Music Seminar



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# *The Rollins Community*

## *The College*

### HISTORY AND ORGANIZATION

Rollins College was founded in 1885. Though young in comparison with many American institutions, it was the first institution of **higher learning** in Florida. Then, as now, it was unique among the colleges of the Southeast. These were either supported or controlled by state or church, whereas Rollins was independent, privately-supported and coeducational. The original financial backing for Rollins came from the educational division of the Congregational Churches, as did that of many of the older colleges of the Northeast. Money for Rollins also came from pioneers who opened up and developed central Florida in the 1880's and from winter visitors. Among the latter was Alonzo W. Rollins, a native of Maine and a business leader in Chicago, who contributed the largest amount to the original founding funds. His gift of \$50,000 was considerably enlarged later by his widow and his brother, George A. Rollins, who also superintended the construction of the first buildings erected on the campus.

Rollins has long held a place among the liberal arts colleges of the nation as a leader in liberal education. It has resisted the trend toward large size in order to maintain the distinctive qualities of a **personalized college**. It is national in the scope of its student body, in the membership of its Board of Trustees, in the conception of its task, and in the effect of its efforts.

### LOCATION

Winter Park is in a literal sense the home of Rollins College, for the two were founded together, and there has always been a friendly association between the community and the college. Rollins is in the metropolitan area of which Orlando is the center. This central Florida area is popularly known as the "lake region." Orange groves, southern pines,



## **Rollins College**

subtropical forests, and flowering shrubs and trees are the dominant features of this attractive setting. The college campus is located on the shores of Lake Virginia, one of a chain of lovely small lakes in the Winter Park area.

### **BUILDINGS AND EQUIPMENT**

The newer buildings on the beautiful semitropical campus are similar in architectural design. They are marked by a strong Mediterranean influence. Twenty-five of the buildings have been erected within the last thirty-one years. Among the buildings are Knowles Memorial Chapel, designed by Ralph Adams Cram, the Mills Memorial Library, The Morse Gallery of Art, the Annie Russell Theatre, the Sullivan House, the Woolson House, Orlando Hall, the Shell Museum, La Maison Provencale, the Dyer Memorial, the Administration Building, the Rollins Union Building, the women's residence halls that are connected by a long loggia are located on one side of the campus, and the similar series of men's halls are situated on the opposite side. Rex Beach Hall, a men's residence hall housing 53 men was opened in September, 1957. In addition, a new women's hall, named Elizabeth Hall, and a new student dining hall, named Rose Skillman Hall, were opened in September, 1958.

### **THE MILLS MEMORIAL LIBRARY**

The new Mills Memorial Library building was occupied in the fall of 1951. Presented through the generosity of the Davella Mills Foundation, this building is the largest on campus. It is designed to accommodate the growing library collection for years to come. By November, 1960 the collection numbered 109,439 volumes, including 6,894 bound periodicals.

The spacious T-shaped building has two main floors in the public area, a large basement, and a five-level, all-steel, air-conditioned book stack with a capacity of 150,000 volumes. Reading rooms and individual study desks, seating approximately 250 persons, are available on both floors. The reference room, which contains a carefully selected collection of encyclopedias and other reference materials needed in undergraduate study opens onto a shaded patio for out-

## The Rollins Community

side reading. Adjacent to the reference room is an attractively furnished newspaper and periodical lounge and a map and atlas room.

The reserve reading room, with capacity for 80 students, the browsing room, and two listening rooms are located on the second floor. Also on this floor are the Rittenhouse, Whitman, Franklin, and Woolson collections, the library of the Hispanic Institute, containing more than 2,169 volumes on Hispanic and Hispanic American Civilization, the art reference picture collection of more than 7,500 mounted prints and photographs, and a growing phonograph record collection.

In the basement are the modern broadcasting studios of Station WPRK, a microfilm and microcard reading room, a photostat laboratory and a dark room, and a projection studio for the presentation of instructional films.

The Rare Books and Floridiana Room on the main floor contains many valuable titles and manuscripts, and an outstanding Florida collection that is noted for its extensive and rare items of Floridiana. The Union Catalog of Floridiana, also on this floor, is, by far, the most complete index on this subject in existence.

The splendid facilities of the Mills Memorial Library are open to residents and visiting scholars and writers in Winter Park. The College Archives are in the library. The Mills Memorial Library is carefully planned to provide easy access to information contained in materials other than books. Students may view 16mm motion pictures, 35mm film strips and slides, and other projected materials on up-to-date equipment in a 56-seat projection studio. Since the studio contains a lecture platform and both a blackboard and a whiteboard, visual aids may be supplemented by personal instruction and discussion. Students may also read microcards and microfilm on simply operated machines. In the maproom there are more than 5,175 cataloged maps.

The Mills Memorial Library administers the circulation of films from the Film Library, located in the same building. These 16mm sound films, many of which are in color, are available for a small service charge and transportation costs to schools, clubs, and educational and civic groups interested



## **Rollins College**

in disseminating information about the Americas and creating a better understanding among the peoples of the Western Hemisphere.

Income from endowments amounts to several thousand dollars a year, and this is supplemented by an annual appropriation from the general funds of the college for the library's budget for books, periodicals, and other expenses. The Rollins "Book-A-Year-Club" is made up of friends of the library who have contributed to the endowment, thus providing in perpetuity one new book each year, bearing the name of the donor.

Gifts to the college of private collections and of cash for specific purposes are other valuable sources of library materials. Because the library has been selected as a depository library for the U. S. Government publications, including maps published by the Geological Survey, the reference value of the library's book collection has been further enhanced.

### **THE ROLLINS MUSEUMS**

**The Thomas R. Baker Museum**, named in honor of its founder, has scientific collections used in the study of natural science.

**The Beal-Maltbie Shell Museum** with its famous collection of shells, occupies a specially designed building on the campus. Few objects of nature present the variety of form, design, and brilliant colors found in the myriad shells of the lowly animals known as mollusks on display here. Many of the shells are extremely rare.

**The Morse Gallery of Art**, built as a memorial to Charles Hosmer Morse by his granddaughter Jeannette Genius McKean, provides special loan exhibitions of the finest quality. Exhibitions are changed every three weeks and include architecture, painting, sculpture, textiles, ceramics and other forms of art.

**The Museum of Living Art** is a collection of art of all periods and is dispersed and shown in various buildings of the college. The collection includes paintings by such masters as Leandro Bassano, Annibale Carracci, Rogier van der

## The Rollins Community

Weyden, Childe Hassam, Thomas Sully, Jan Breughel, Giovanni Tiepolo and others.

### PLACEMENT BUREAU

Rollins College maintains a Placement Bureau to help graduates find employment. The bureau arranges for campus interviews with visiting representatives of industry, business, educational, and governmental agencies. Bulletins and pamphlets with vocational information about the business and professional world, and federal and state civil service are available at the bureau. Confidential credentials of seniors and alumni are on file and furnished to organizations interested in employing men and women from the college. No charge for this service is made to seniors, alumni, or employers.

## *Student Activities*

### RELIGIOUS LIFE

Rollins College was founded under the auspices of the Congregational Churches. Although now non-sectarian, the college has maintained the ideals of this heritage.

A religious program has three responsibilities: teaching, worshipping, and serving. At Rollins the teaching responsibility is shared between the courses in the college and the services at the chapel. The other responsibilities are fulfilled by the program of the Knowles Memorial Chapel.

Services of worship are held in the chapel on Sunday mornings, and on special days and seasons of the Christian year. Vesper services are held twice a week, on Tuesday and Thursday evenings. In the services students participate in the conduct of worship, either as readers, as ushers, as members of the Rollins Chapel Choir, or as speakers at the vesper services. Organ vespers are usually held on Wednesdays during the winter season. The chapel service program is supervised by the chapel staff, and the Community Service and Human Relations committees.

The over-all religious program on the campus is directed by the Dean of the Chapel and the chapel staff. The staff is composed of the chairmen of the student committees, nine



## **Rollins College**

elected students, and two members of the faculty. The Dean of the Chapel is available for guidance of and conferences with students on religious problems.

All students are urged to join in the services of the churches in Winter Park and Orlando.

### **STUDENT GOVERNMENT**

Upon registration, each student automatically becomes a member of the Rollins Student Association. The activities of the Association are administered by the students, with the cooperation of the administration and faculty of the college. The purpose of the Association is the management of publications and other student activities, and the promotion of good fellowship and self-government.

The executive and judicial powers of the Association are vested in the Student Council, which is composed of one representative from each social fraternity, and four independent representatives (two men and two women), all of whom must have been regularly enrolled for two terms. The Dean of Men and the Dean of Women act as advisers.

### **STUDENT PUBLICATIONS**

Rollins College is noted for its encouragement of creative writing, and the student interest is demonstrated by the number and quality of its undergraduate publications. the following publications are included in the Rollins Publications Union:

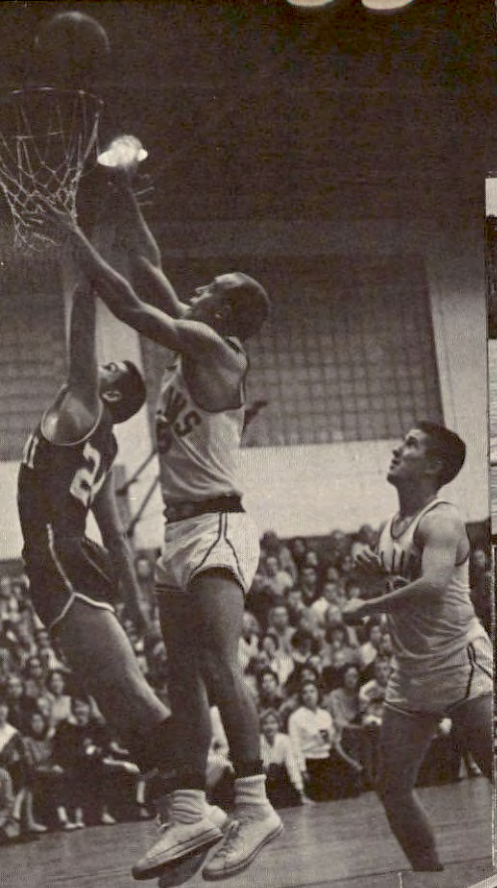
THE TOMOKAN, financed by the Student Association, is issued annually by the editor, who is elected by the student body. It gives a resume of the activities, organizations, and events of interest to the students and faculty of Rollins.

THE FLAMINGO, a magazine of drama, short stories, and poetry, is published by a board of undergraduate editors. A remarkably high standard of writing has been attained in this undergraduate publication.

THE SANDSPUR is a weekly student newspaper. It prints campus and local news, and keeps Rollins students well posted through its editorial, social, and news columns. It has earned the All American rating from the



# VARSITY SPORTS







Aquatic Sports



## **The Rollins Community**

Associated Collegiate Press for the past five years. This is the highest honor a college newspaper can receive.

THE "R" BOOK is published by the Student Association to furnish entering students with information on the traditions, customs, and organizations of the college.

### **ROLLINS UNION**

The purposes of the Rollins Union are to administer programs which serve the cultural, recreational, educational, and social interests of the college community and through these programs provide opportunities for students to develop leadership and other related skills. All members of the student body, faculty, and staff are members of the Union and are entitled to all its rights and privileges.

The newest organization on the Rollins campus was created during the winter and spring terms of the 1959-60 academic year. A planning committee of nine students and five faculty drew up the charter and constitution. The plan was presented to the student body and accepted by them during that spring term.

The policy making group of the Union is known as the Board of Managers; it consists of five students and four faculty members. The chairman of this Board is known as the President of the Rollins Union.

The Program Board is made up entirely of students who are chairmen of the various committees; this Board carries out Union policy and activities. The committees represented on the Program Board are Outdoor Recreation, Indoor Recreation, Social Entertainment, Host and Hostess, Films, Publicity and Public Relations, Fine Arts, Special Projects, Educational Entertainment, Rally, and Club Calendar and Coordination.

### **ATHLETIC ACTIVITIES**

Because of the beautiful, mild climate of Florida, Rollins is able to maintain out-of-door athletic activities throughout the year. Time is made available for recreation or supervised instruction in physical activities in order to enable students to participate in the sports in which they are particularly interested.

Rollins competes in the following intercollegiate sports:



## **Rollins College**

baseball, basketball, crew, golf, soccer, and tennis. A full schedule of intramural sports is conducted under expert direction. These include intramural competition for men in basketball, track, table tennis, diamondball, golf, swimming, tennis, and volleyball, and intramural competition for women in basketball, golf, tennis, archery, swimming, volleyball, and softball.

It is understood, of course, that these activities are carried on in addition to the regular classes scheduled in physical education.

Rollins is a member of the recently organized Florida Intercollegiate Conference. Other conference members are Stetson University, Tampa University, Miami University, Jacksonville University, and Florida Southern College. The conference sponsors championship competition in soccer, basketball, baseball, and golf. Other sports are expected to be added in the near future.

Rollins is also a member of the National Collegiate Athletic Association.

### **SOCIETIES AND ORGANIZATIONS**

Wholesome student interests are sustained and promoted by a variety of organizations:

**Phi Society** is a first-year honorary scholarship society encouraged by Phi Beta Kappa and having chapters at several colleges. The academic requirement is an over-all average of B plus or better (7.00, preferably 7.2) for the freshman year and in the upper 10 per cent of the class.

**The Rollins Key Society** is an honorary society founded in 1927 for the purpose of fostering interest in all campus and scholastic activities, and promoting the welfare of Rollins College. Membership is open to juniors and seniors who have maintained the equivalent of an A minus (7.8) over-all average for no less than six consecutive terms, including at least one in the junior year.

**Omicron Delta Kappa**, a national honorary service fraternity, was installed at Rollins in 1931. Membership is conferred on junior and senior men who have distinguished themselves in scholarship, athletics, student government, social and religious affairs, publication work, and the arts.

## The Rollins Community

**The Order of the Libra**, a small honorary society for junior and senior women, was organized in 1935 for the purpose of recognizing balanced living and broad interest, and for encouraging further development in high scholarship, extracurricular activities, generous citizenship, and integrity of character.

**O. O. O. O.** is a men's honorary organization, the purpose of which is to create, preserve, and foster the traditions and ideals of Rollins; to promote respect for the customs of the college; and to develop a spirit of leadership and co-operation in the student body.

**Pi Gamma Mu** membership is determined by a majority vote of the chapter under the supervision of faculty members, or by a committee of faculty chapter members. To be eligible, a person must have a minimum of thirty term hours in the four core subjects of history, political science, sociology (including anthropology), and economics (including geography), and an average grade therein of not less than B. In addition, he must have distinguished himself in the social sciences.

**The Florida Gamma Chapter of Theta Alpha Phi**, a national honorary dramatic fraternity, was installed at Rollins in 1938. Membership is conferred on juniors and seniors who have done superior work in acting and in the technical work.

**Zeta Alpha Epsilon** is an honorary scientific fraternity, the purpose of which is to give recognition to outstanding students, and to promote a broadened interest in science.

**Der Deutsche Verein** is an organization that is open for membership to those who are studying German or are interested in German language, history, and civilization.

**Le Cercle Francais** is an organization that is open to all students taking third-year French or those who have comparable facility in oral and conversational French. Programs held monthly feature French-speaking guests who lecture on a variety of timely and interesting subjects. Short films are often shown to acquaint members with France, its civilization, and its culture.

**The Rollins Scientific Society**, organized by the undergraduate majors in science in the fall of 1942, has as its



## **Rollins College**

purpose the bringing together of students interested in discussing and hearing about advancements within the several fields of science. Membership in the society is open to sophomores, juniors, and seniors who have had one year of a science and are interested in the field of science. Membership is based on a paper submitted to the society by the applicant. Prominent scientists are invited to be present at some of the meetings to discuss developments in their particular fields of science. At other meetings the members of the society discuss the significant research they are doing, and report the recent advances that have appeared in the various scientific journals.

**The Sigma Xi Club** of Rollins College was organized by members of Sigma Xi in the science division and in the central Florida community, and was granted a charter by the National Society of the Sigma Xi in January, 1953. Its purpose is to encourage original investigation in science, pure and applied. It makes grants available to students working on senior projects in science, and recognizes an outstanding junior and senior Science major each year with the Sigma Xi Award.

**The Spanish Club** has for its purpose the encouragement of the young people of North and South America to build lasting friendship that will preserve peaceful relations and settle all differences around the conference table instead of by war. It seeks to unite them in good will, and to cultivate friendship, understanding, and American solidarity among the twenty-one sovereign republics of the Western Hemisphere.

**The Hamilton Holt Chapter of the Student National Educational Association** is the local organization of the state and national education associations. It encourages interest in the profession of teaching, and promotes selective recruitment of young men and women for the career of teaching. It gives practical experience for working in a democratic way on the problems of the profession and of the community.

**The "R" Club** is composed of letter-men who have been awarded their "R" in some major sport. The purpose of the club is to promote sportsmanship, co-operation, and interest in athletics. Membership is by invitation only.

## **The Rollins Community**

**The Women's Athletic Association** is composed of all the women students at Rollins. They automatically become members of this organization, whose purpose is to promote and foster the highest spirit of sportsmanship and co-operation. The Women's Intramural Board is the governing body of this organization.

**Women's "R" Club** affords recognition to those who have excelled in the Intramural Sports Program. Membership in this club is awarded on the basis of good sportsmanship and athletic ability. The Women's "R" Club is the governing body of the Women's Intramural Board.

**The Rollins Players**, under the direction of the Theatre Arts Department, presents a series of plays during the year in both the Annie Russell and the Fred Stone Theatres. This organization is composed of students who have done outstanding work in dramatics. A point system for work accomplished in acting and stagecraft has been established as a basis for membership. Tryouts for all plays produced by The Rollins Players are open to all Rollins students, with preference given to Theatre Arts majors.

**Musical Organizations** are listed under Music Activities.

### **GREEK LETTER ORGANIZATIONS**

The Interfraternity Council is composed of chapters of the following men's national fraternities:

DELTA CHI  
KAPPA ALPHA ORDER  
LAMBDA CHI ALPHA  
SIGMA NU  
TAU KAPPA EPSILON

and the following local fraternity:

THE X CLUB

The Panhellenic Council is composed of chapters of the following women's national fraternities:

ALPHA PHI  
CHI OMEGA  
GAMMA PHI BETA  
KAPPA ALPHA THETA  
KAPPA KAPPA GAMMA



## **Rollins College**

### **PHI MU PI BETA PHI**

**The Independent Men and Independent Women** are organizations that are composed of all students who are not members of fraternities. They enjoy the same privileges as the fraternities and compete with them in all intramural activities. They also participate in the student government.

## *Services and Regulations*

### **STUDENT HEALTH SERVICE**

Rollins College maintains a dispensary that is supervised by two physicians and a graduate nurse. The nurse is in regular attendance five days a week, and one of the college physicians calls at the dispensary each morning to examine and treat students who need his attention. Minor illnesses and accidents are treated routinely at the dispensary. Students who require bed-care are referred by the college physician to the Winter Park Memorial Hospital or to other hospitals in the Winter Park-Orlando area. These hospitals offer necessary medical and surgical facilities for in-patients as well as out-patients. Any student requiring emergency care at night or at other times when the dispensary is not open can go directly to the emergency room at one of the local hospitals and request that one of the college physicians be called to treat him. Any student admitted to the hospital continues under the care and supervision of a college physician. The physician and nurse in attendance at the dispensary may be consulted without charge. The health insurance plan, described below, normally covers most costs arising from hospitalization due to illness or accident.

Specialists practicing in the Winter Park-Orlando area may be called in by the college physician for consultation. Since the college is responsible for knowing about the physical welfare of all its enrolled students, no student while in residence should consult an outside physician without previously informing the college physician. This enables the college physician to know the extent and nature of illness or accidents within the student body and to take any necessary preventive steps.

## The Rollins Community

Any student who leaves the campus for reasons of health must notify his student dean or the college physician before he leaves.

Certain health regulations must be met by all entering students. A medical examination blank provided by the college must be completed by the applicant and his family or school physician and filed with the Director of Admissions before July 15. As part of this health report, certification of immunization against tetanus, vaccination against smallpox, and evidence of a recent chest X-ray or tuberculin test are required. Students who have failed to file these health reports must have the necessary examinations and immunizations completed on arrival at college before they are permitted to register. Such individuals are charged accordingly for these medical examinations. If it seems advisable, students must have a physical examination each year. A report giving special advice and recommendations when necessary are filed so that no student may enter any activity for which he or she is not physically fit.

All communications from parents and guardians concerning the health of students should be addressed to the student deans or the college physician. Any student who becomes ill when absent from college must notify the student deans immediately and must present a signed statement to the dispensary from his physician when he returns.

The college reserves the right, if the parents or guardian cannot be reached, to make decisions concerning operations or other matters of health.

The college has arranged with the Educators Mutual Life Insurance Company of Lancaster, Pennsylvania, for health insurance, known as the College's Group Health Insurance Plan. This coverage provides for reimbursement, within specific limits, for surgery, and for medical and hospital expenses in case of hospitalization due to illness.

Medical expenses for **accidents** are covered in full up to a maximum of \$1,000 per accident. Medical expenses for **illness** are provided only if there is hospital confinement or surgery. Surgical benefits are provided under a schedule having a maximum of \$225. The total reimbursement for each **illness**, including any surgical benefits payable, is \$500.



## **Rollins College**

Descriptive leaflets outlining the benefits and exclusions under the College's Group Health Insurance Plan are available at the college dispensary for students who are insured under the plan. The coverage is in effect 24 hours a day, both on and off campus through the academic year, and includes school-year vacation periods as well as a reasonable time at the beginning and end of the school year for travel to and from the college. It has been the practice of the Educators Mutual Insurance Company to offer coverage for the summer months at a small extra premium, payable before the close of the Spring Term.

Each student is billed routinely for this group insurance coverage. Any student who does not wish to be insured through this program is asked to sign a waiver which is placed on file at the college.

### **RESIDENCE HALL AND DINING HALL REGULATIONS**

The Board of Trustees has adopted the following requirements for college residence halls and the dining hall.

1. Every regularly-enrolled student is required to live in one of the college residence halls and to board at the college dining hall.
2. Only regularly-enrolled undergraduate students may live in college residence halls without special written approval of the college administration.

Regulations 1 and 2 above do not apply to the day students who live at home with their parents.

3. Alcoholic beverages may not be served in residence halls or on any other college property. This regulation includes light wines and beer.
4. Freshmen women must be in the residence hall at 10:00 P.M. except Friday (11:00 P.M.), Saturday (12:30 A.M.), and Sunday (10:00 P.M.); upperclass women students at 10:30 P.M. except Friday (12 midnight), Saturday (12:30 A.M.), and Sunday (11:00 P.M.).
5. College residence halls and the dining hall are closed during the Christmas holidays. Special arrangements for housing for that period may be made with the student deans.

## **The Rollins Community**

6. Students are not allowed to have pets in any college residence hall or on the college campus.

### **RESERVATIONS OF ROOMS**

When the July 1st payment is received from a returning boarding student, a room is reserved for him.

Information concerning the reservation and assignment of rooms for **freshmen** is covered under Student Expenses, page 26.

Room assignments are made on the basis of a priority system in which the dates of these first payments play an important part.

All rooms are furnished with single beds, dressers, study tables, and chairs. All other furnishings must be provided by the occupant.

Each occupant must provide a pillow, four sheets, three pillow slips, at least two blankets, one comforter, one mattress pad, two bedspreads for a single bed, and personal linen. All these articles should be plainly marked with the owner's name.

Each resident is held responsible for the condition of all equipment in his room. Unusual damages or expenses are assessed against the student responsible.

### **AUTOMOBILE REGULATIONS**

Students at Rollins College are allowed to own and operate cars, motorcycles, and other kinds of motor vehicles with the permission of their parents and under the following regulations:

1. Freshmen students are not permitted to own or operate motor vehicles **during their first term**. Freshmen, not on academic warning or probation, may bring an automobile to the campus at the start of their second term.
2. Every approved vehicle must be licensed, and the owner is required to purchase a Rollins decal, issued by the Student-Faculty Traffic Committee, which must be applied to the front of the vehicle.
3. All drivers are obliged to have a state driver's license before getting a decal.



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4. Every campus student's vehicle must carry personal liability and property damage insurance.
5. All accidents and cases of reckless driving must be reported to the student deans.
6. Students who are on academic warning or probation are not allowed to own or operate a motor vehicle.
7. Boarding students who receive scholarships or other financial aid on the basis of need may not own and maintain a motor vehicle on the Rollins campus unless authorized for business or similar purposes by the student deans.
8. The administration reserves the right to revoke the student's privilege of having a motor vehicle on the campus.
9. The Student-Faculty Traffic Committee has the authority to recommend penalties for violations of the traffic rules.

## *Music Activities*

**Rollins Chapel Choir.** The Chapel Choir participates throughout the academic year in the Sunday Morning Service held in the Knowles Memorial Chapel, singing masterpieces of choral literature of all periods from medieval to contemporary. Membership in the choir is open to all qualified students.

**The Rollins Singers. (Collegium Musicum).** This is a group of student singers who study and perform choral works of chamber music proportions.

**Pi Kappa Lambda.** The Xi Chapter of Pi Kappa Lambda, a national honorary music society, was installed at Rollins in 1935. Its prime object is the encouragement of eminent achievement in performance and original composition. Only qualified juniors and seniors are eligible for membership.

**The Rollins Music Guild.** This group is comprised of students who are interested in promoting the musical welfare of the college. It holds regular meetings, and is active on campus in the sponsoring of recitals and other activities of musical worth.

## The Rollins Community

**Student Recitals and Radio.** Formal and informal recitals are given throughout the college year by students of the Conservatory, and frequent opportunities are available for appearance on radio programs.

**Rollins Concert Series.** Members of the Conservatory faculty and guest artists present a series of concerts, including violin, organ, piano, voice, choral music, and chamber music during the academic year.

**Organ Vesper Recitals.** During the winter term organ programs are presented by Catharine Crozier Gleason, with assisting soloists, on the new three-manual Aeolian Skinner organ in the Knowles Memorial Chapel.

**The Twenty-Seventh Annual Bach Festival of Winter Park.** The Bach Festival of Winter Park, consisting of a series of five programs by the Bach Choir of one hundred voices assisted by renowned soloists, orchestra, and organ, is held in late February at the Knowles Memorial Chapel. The chorus, under the direction of Robert Hufstader, has selected singers from central Florida communities, and qualified Rollins students. A special performance of a major choral work is given on a Saturday early in March for students of colleges and high schools in the state of Florida by invitation of the Board of Trustees of the Bach Festival Society.

**Youth Orchestra.** A community Youth Orchestra is sponsored jointly by the Creative Arts Division of the Conservatory of Music and the Florida Symphony Orchestra. Qualified students of Rollins College are eligible for membership in this Youth Orchestra.

## *Radio Activities*

Late in 1952, the Rollins FM radio station WPRK began nightly broadcasts with an inaugural ceremony that featured especially recorded remarks by President-elect Dwight D. Eisenhower.

"Hamilton Holt," Eisenhower said in referring to the founder of the Rollins Conference Plan, "... believed in man's self-determination; he had faith that this force in man's spirit made educational institutions strong guardians of liberty . . .



## Rollins College

"This new FM station at Rollins College can help to speed and advance the great ideas which keep men and women free . . . Whether the ideas came from the great music or poetry or other literature of the past, or from debates and reflections of today, the people of our country who are listening in will be richer."

Station WPRK was begun both to fulfill this purpose and to provide the best possible training for Rollins students who were interested in the field of radio. The station equipment was made possible through the generosity of an anonymous donor and is housed in modern studios in the Mills Memorial Library, gift of the Davella Mills Foundation.

Operating on a frequency of 91.5 megacycles, the 330-watt FM station covers a large part of the central Florida area surrounding Winter Park and Orlando. Basic equipment includes two spacious studios, each with its own control room, RCA control boards, Fairchild transcription tables, four magnecord tape recorders, an Ampex Mode 350 Tape Recorder, and a wide variety of microphones.

Students in beginning and advanced radio production classes, and in speech and drama classes, gain practical experience in directing and announcing for radio under the supervision of WPRK staff members.

WPRK is a member of the National Association of Educational Broadcasters, through which it participates in a program exchange with 80 educational stations. In addition to programs originating locally, WPRK broadcasts outstanding programs on loan from the British Broadcasting Corporation, the French Broadcasting System in North America, Norway, Hawaii, and the Netherlands.

The Rollins Chapel Choir usually broadcasts at least once a year over one of the national radio networks. In addition, programs produced on the campus that are considered representative of Rollins are broadcast over other radio stations throughout the year. Rollins students studying broadcasting have also been part- and full-time announcers on the four Orlando radio stations.

## *Community Activities*

### **PUBLIC SERVICE**

In order to carry out the aims of Rollins College to render service to the communities and to the state, as well as to its undergraduate body, public lectures and addresses are offered by many of the members of the Rollins faculty. The topics they cover have a wide range, and include international relations, political theory, readings in English literature, scientific subjects, and music. This service receives the full co-operation of the public schools and social agencies.

## **ROLLINS INSTITUTE FOR GENERAL STUDIES**

### **A Division of Rollins College**

In 1951 Rollins recognized that, although it draws its residential students from a national area, there were needs in the community which because of its proximity, academic standing, and support, the college should help to meet. Consequently, special "courses for the community" were established. The range and nature of these have expanded until they extend from creative arts courses for children to graduate study in business administration and in physics leading to Master degrees.

This growing response to the community need climaxed in the co-ordination of all community academic services and their consolidation into the Rollins Institute for General Studies.

The Rollins Institute for General Studies is organized into three divisions:

1. The Community Course Programs
2. The School for General Studies
3. The Graduate Programs

The Community Course Programs provide a school of creative arts for children whose parents wish them to have special instruction in music, rhythmic, art, and theatre; and for adults, a program of non-credit courses, lectures, community forums, and other similar activities which provide an opportunity to maintain touch with developing fields in the fine arts, literature, science, and industry.



## Rollins College

The School for General Studies provides a diversified program of courses bearing college credit. The degree of Bachelor of General Studies may be earned through this program. Qualified students may enter the program on either a matriculate or non-matriculate basis. Details of the program are described in a separate brochure.

The Graduate Programs, as a service to the expanding business and industrial situation in central Florida, offer to qualified employed personnel evening courses leading to the degrees of Master of Business Administration and Master of Science in physics. Special brochures describing these programs are available upon request.

## *Graduate Study Program*

VICE PRESIDENT JOHN M. TIEDTKE, DEAN

CHARLES A. WELSH, PH.D., DIRECTOR OF GRADUATE STUDY IN BUSINESS ADMINISTRATION

DAN A. THOMAS, PH.D., DIRECTOR OF GRADUATE STUDY IN PHYSICS

To meet the increasing needs of local industry, business, and government for graduate work for their employees, Rollins has initiated programs of study leading to the degrees of Master of Business Administration and Master of Science, with a major in physics.

The courses for these programs are given in the evenings. Students are enrolled on a part-time basis.

Brochures are available containing the admission procedures, course schedules, degree requirements, and other information about this graduate program.

## *The Rollins Animated Magazine*

Among Rollins "periodicals" is the **Rollins Animated Magazine** "published" on the college campus during Founders Week in February. Contributions are made by national and international figures, and are presented by the authors in person. Each year from four to six "contributors" read their manuscripts before an audience of avid "subscribers."

## *Inter-American Studies & Activities*

Inter-American studies and activities were inaugurated at Rollins by the late distinguished scholar, Dr. E. C. Hills, during the Spanish and American War, when students from Cuba were accomodated on the campus to prevent the interruption of their studies. In the fall of 1942 these studies and activities were accelerated as part of the war effort to stimulate interest in and disseminate information about Latin America. This program was placed on a more permanent basis at Rollins in 1944 with the establishment of Casa Iberia, Inter-American Center.

Emphasis is given to courses of study for both undergraduates and adults in Spanish language and literature, in the histories of Spain, Portugal, and Latin America, and in lectures by specialists from both North and South America. Among the events are programs of colored motion pictures with sound, exhibits of art and handicrafts, conferences and discussion groups, and programs of music, drama, and radio. Printed materials are distributed to the public and to schools. The Cafezinho Book Review Series by noted authors stimulates interest in the field.

## *Alumni Activities*

**RAY KIRK, Executive Director**  
**Rollins Alumni, Inc.**

**CLAIRE W. KENT, Executive Assistant**

**LOISON P. TINGLEY, Secretary to the Director**

The Rollins Alumni Association was founded in 1898 by the late Miss Clara Louise Guild, '90, the first graduate of the college. Since that time the Association has done much to extend the influence of Florida's oldest college.

On February 4, 1953, the state of Florida granted a charter to Rollins Alumni, Incorporated. Membership is open to all graduates and former students who have completed at least one year of academic work at Rollins.

The Alumni House, located next to the Rollins Union was built in 1941. The attractive lounge of this building provides a convenient pleasant place on campus for alumni and



## **Rollins College**

student meetings. Individual alumni records are kept here, and a monthly magazine, **The Rollins Alumni Record**, is published from October through June and mailed to alumni.

Alumni Reunion Weekend is held each April on the Friday, Saturday and Sunday nearest April 28. This date is important to Rollins College because it is the date when, in 1885, the state of Florida legally recognized Rollins and granted a corporate charter to the college. Class reunions are held on the five-year plan, and all graduates and former students are invited to return to the campus for this event. Rollins alumni again assemble on Commencement morning in June to give a Sunrise Breakfast for the senior class. This is the oldest continuous tradition at Rollins College.

## ***Military Activities***

### **THE 479th STRATEGIC INTELLIGENCE DETACHMENT**

Colonel Rhea Marsh Smith, Commanding Officer

Through an affiliation agreement concluded with the Assistant Chief of Staff, Intelligence, Department of the Army, in 1949, the 479th Strategic Intelligence Detachment was activated at Rollins College in 1950. As an early-ready unit in the Active Reserve of the United States Army, it has a Table of Organization of three officers and four enlisted men. It serves both as a collecting and training unit for the office of the Assistant Chief of Staff, Intelligence. In filling vacancies in the unit, preference is given to those members of the Rollins College faculty and student body who are qualified and approved by the Assistant Chief of Staff, Intelligence. Under present regulations, students who have had extended active duty for six months or more are eligible for consideration.

### **OFFICER TRAINING PROGRAM**

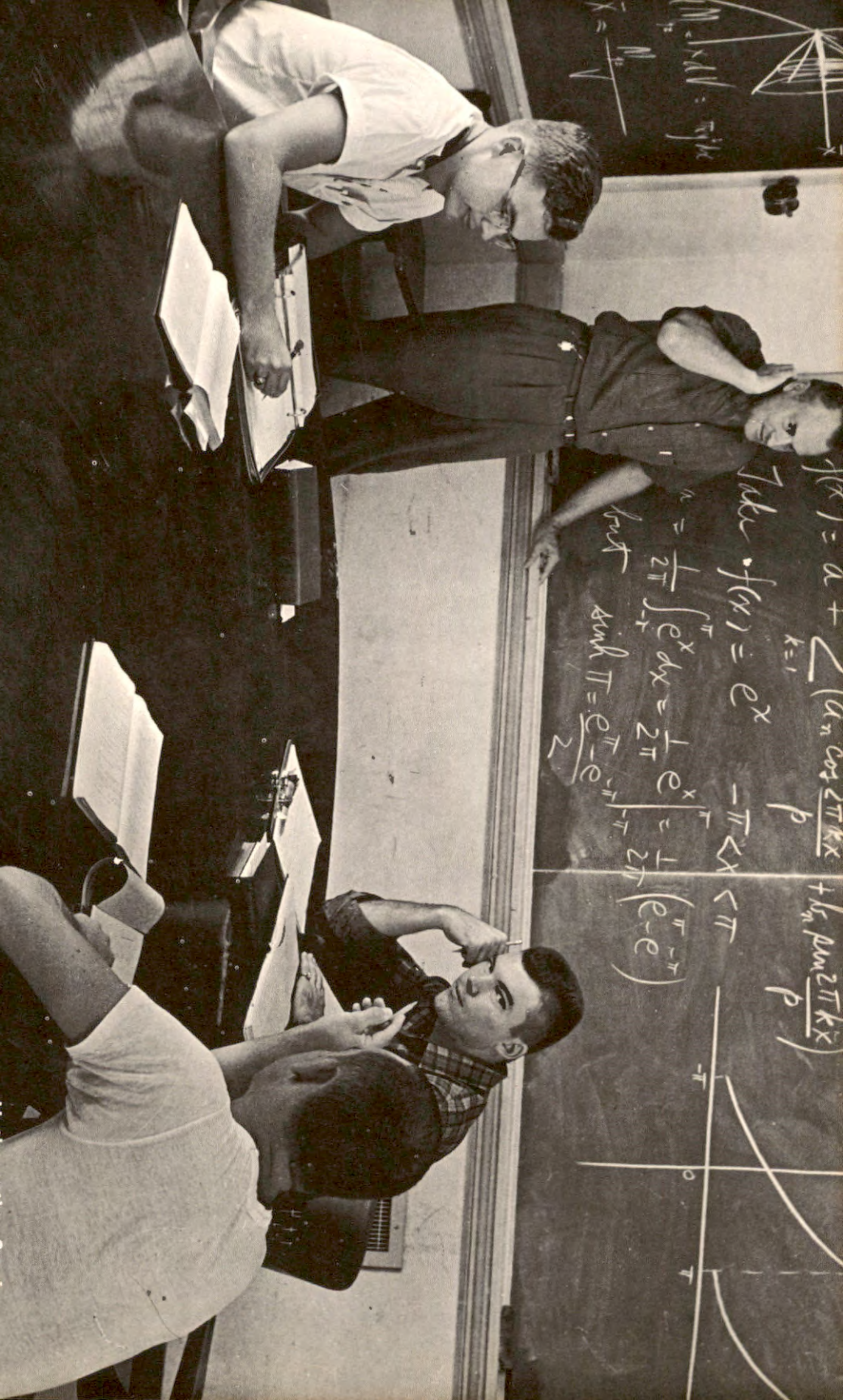
Freshmen, sophomore, and junior men in good standing at the college may enroll in the Marine Corps Platoon Leaders class. All military training is carried on during summer vacations. After completing this training and upon receiving their Bachelor's degree, candidates are commissioned as Second Lieutenants in the Marine Corps or Marine Corps Reserve.





"How to Study Week"





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# Rollins Personnel

## Officers and Trustees 1961-1962

### OFFICERS

Miller Walton, LL.B.	Chairman of the Board
Clarence M. Gay	Vice Chairman of the Board
Hugh Ferguson McKean, A.B., M.A.	President
Alfred Jackson Hanna, A.B., L.H.D.	First Vice President
John Meyer Tiedtke, A.B., M.C.S.	Second Vice President and Treasurer
George Walter Johnson, B.S., LL.B.	Secretary
Howard W. Showalter, Jr., A.B.	Assistant Secretary
Frederic H. Ward, A.B.	Assistant Treasurer

### TRUSTEES

#### TERMS TO EXPIRE IN 1962

F. Monroe Alleman	Orlando, Florida
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Coulter Craig	Winter Park, Florida
J. Roy Dickie, A.B., LL.B., LL.D.	Winter Park, Florida
Clarence M. Gay	Orlando, Florida
William Butler Mills, A.B., A.M., LL.B.	Jacksonville, Florida
Howard W. Showalter, Jr., A.B.	Winter Park, Florida
*Paul L. Thoren, A.B.	Chicago, Illinois
Mrs. Rebecca Coleman Wilson, A.B.	Winter Park, Florida

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H. George Carrison, A.B.	Jacksonville, Florida
Olcott Deming, A.B.	Washington, D. C.
Joseph S. Guernsey, B.A.	Orlando, Florida
Thomas Phillips Johnson, A.B., LL.B., LL.D.	Pittsburgh, Pennsylvania
L. Corrin Strong, Ph.B., LL.D.	Washington, D. C.
Miller Walton, LL.B.	Miami, Florida
*Frank L. Williamson	Winter Park, Florida

#### TERMS TO EXPIRE IN 1964

Archibald Granville Bush, LL.D.	Winter Park, Florida
Harry James Carman, Ph.B., A.M., Pd.B., Ph.D., L.H.D., Litt.D., LL.D. D.P.S.	New York, New York



## Rollins College

Mrs. Faith Emeny Conger, B.A. .... Princeton, New Jersey  
Nelson Marshall, B.S., M.S., Ph.D. .... Kingston, Rhode Island  
Mrs. Jeanette Genius McKean ..... Winter Park, Florida

\*Nominated by the alumni

### EXECUTIVE COMMITTEE OF THE BOARD OF TRUSTEES

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J. Roy Dickie                      Miller Walton

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### HONORARY TRUSTEES

Winthrop Bancroft, LL.B., LL.D. .... Jacksonville, Florida

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L.H.D., LL.D., ..... Tulsa, Oklahoma

T. W. Lawton, A.B., Ped.D. .... Oviedo, Florida

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Mrs. Paula Dommerich Siedenbergl ..... Greenwich, Connecticut

### ADMINISTRATIVE AND OTHER STAFF

Hugh Ferguson McKean, A.B., A.M. .... President

Alfred Jackson Hanna, A.B., L.H.D. .... First Vice President

John Meyer Tiedtke, A.B., M.C.S. .... Second Vice President,

Treasurer and Business Manager

Don C. Broadbridge, Jr. .... Admissions Representative

Angela P. Campbell, B.A., A.M. .... Director of Casa Iberia

George C. Cartwright ..... Superintendent of Buildings

and Grounds

George H. Cartwright, E.E. .... Assistant Superintendent of Buildings

and Grounds

Theodore Stanley Darrah, B.S., S.T.B. .... Dean of the Knowles

Memorial Chapel

Cynthia Williams Eastwood ..... Secretary to the Administration

Marcus P. Frutchey ..... Director of the W.P.R.K. Radio Program

Catharine Crozier Gleason, B.M., M.M. .... Organist of the Knowles

Memorial Chapel

Alice McBride Hansen, A.B., B.L.S., Ed.M. .... Librarian

Robert Hufstader, B.M. .... Director of the Conservatory of Music

Lyman Broadhurst Huntington ..... Head of the Photographic

Workshop

## Rollins Personnel

Gorham B. Harper, Jr., B.A.	Manager of the Rollins Union
John A. Johnson	Manager of the College Dining Hall
Joseph Justice, A.B.	Athletic Director
Raymond L. Kirk	Executive Director, Rollins Alumni Inc.
Chloe M. Lyle	Cashier
Marion Marwick	Director of the Creative Arts Courses
Judy H. Mason, A.B.	Curator of the Beal-Maltbie Shell Museum
Jeannette Genius McKean	Director of Exhibitions
	The Morse Gallery of Art
Emily R. Merrill, A.B.	Director of the Placement Bureau
Bonnie Lou Milby, B.S.J.	Staff Writer, News Bureau
Harold Mutispaugh, B.S.	Purchasing Agent and Assistant
	Business Manager
Anne K. Ramsey, B.A.	Administrative Assistant to the President
Loretta Renz	Curator, The Morse Gallery of Art
John Oliver Rich, A.B., A.M.	Dean of Admissions
George Saute, Ph.B., A.M.	Director of the Course for the
	Community
Malcolm Fraser Scott, A.B.	Admissions Counselor
Schiller Scroggs, A.B., M.A., Ph.D.	Dean of the College
Dan A. Thomas, B.S., Ph.D.	Director of the Graduate Program
	in Physics
Clarence L. Varner	Director of Intramural Athletics
Dyckman Ware Vermilye, B.A., M.A., Ed.D.	Dean of Men
Paul A. Vestal, A.B., A.M., Ph.D.	Director of the Thomas R. Baker
	Museum of Natural Science and the Beal-Maltbie
	Shell Museum
Arthur Wagner, B.A., M.A.	Director of the Annie Russell Theatre
Frederic H. Ward, A.B.	Assistant Treasurer and Comptroller
Helen Linnemeier Watson, A.B., M.A.	Dean of Women
Charles A. Welsh, B.A., M.A., Ph.D.	Director of the Graduate
	Program in Business Administration
Gordon J. Wilson, B.M., B.A.	Assistant Organist of the Knowles
	Memorial Chapel
Richard S. Wolfe, B.A., M.A.	Registrar

## SECRETARIAL AND OTHER STAFF

Clara B. Adolfs, A.B.	Assistant and Secretary to the
	Dean of the Knowles Memorial Chapel
Virginia H. Ashton	Assistant, Cashier's Office
Dorothy W. Barnes	Assistant to the Purchasing Agent
Marion F. Braithwaite	Secretary to the Dean of Men
E. Winifred Briggs, B.S., M.A.	Circulation and Maps Assistant,
	Mills Memorial Library
Halsted W. Caldwell, Jr., A.B.	College Postmaster
Dorris I. Campbell	Assistant, First Vice President's Office
Jane E. Carr	Secretary to the Treasurer



## Rollins College

Wendy N. Crabtree	Assistant, Office of the Dean of the College
Lucy Ray Crane	Assistant College Postmaster
Helen A. Crossley	Bookkeeper
Laura H. Custer	Secretary to the Director of the Center for Practical Politics
Julia L. Day, A.B.	Assistant in Archives, Mills Memorial Library
Alice McNeill Egan	Assistant, Mills Memorial Library
Dorothy Y. Ellerbe	Assistant, First Vice President's Office
D. Elizabeth Fohl	Assistant, Registrar's Office
Leah J. Folker	Assistant, Bookstore
Marie Wilson Fox	Secretary to the Dean of the College
Gladys Grant	Assistant, Treasurer's Office
Martha L. Harnish	Assistant Bookkeeper
Margaret Holroyd, A.B.	Assistant, Mills Memorial Library
Jeanne Kahn	Secretary, Physical Education Department
Claire W. Kent	Executive Assistant, Rollins Alumni Inc.
Merle I. Koch, B.S., M.A.	Assistant, Mills Memorial Library
Helen J. Lang	Assistant, First Vice President's Office
Katharine L. Lehman, A.B.	Research Associate to the Diamond Jubilee Commission
Florence C. Linck	Secretary to the Dean of Women
A. Leona Lyle	Secretary to the Cashier
Eva H. Mason	Assistant, Cashier's Office
Kathryn L. McKinley	Secretary to the Director of Admissions
Kathleen J. Millonig	Assistant, Registrar's Office
Gertrude L. Mounce	Secretary, Conservatory of Music
Juanita C. Murray, B.A.	Assistant, Office of the Dean of the College
Georgia M. Phillips	Secretary of Special Services
Audrey L. Pittman	Assistant, Office of Admissions
Gladys E. Poole, B.A., M.A.	Circulation Assistant, Mills Memorial Library
Sara S. Reed	Secretary, Theatre Arts Department
Diane M. Sommer	Assistant, Office of the Dean of the College
Natalie Stewart	Secretary, Rose Skillman Hall
Jane Swanson	Assistant, Mills Memorial Library
Foy M. Tedder	Secretary to the Admissions Counselor
Loison P. Tingley	Secretary to the Director of Rollins Alumni Inc.
Alice Winslow	Assistant, Office of the Dean of Women
Clarice A. Yarbrough	Manager, Bookstore

## HEADS OF RESIDENCE HALLS

Helen P. Banta	Elizabeth Hall (Freshmen Women)
Maude I. Bartholomew	Pugsley Hall (Kappa Kappa Gamma)

## Rollins Personnel

Mary E. Bates	O'Neal Hall
(Tau Kappa Epsilon)	
Helen H. Beeley	Pinehurst Hall
(Independent Men)	
Cleo C. Cash	Lakeside Hall
(Freshmen Men)	
Ollie W. Council	Strong Hall
(Gamma Phi Beta)	
Abby H. Engelbracht	Casa Iberia
Lelia P. Harland	Rex Beach Hall
(Kappa Alpha)	
Bealie Harrington	Cloverleaf Hall
(Independent Women & Alpha Phi)	
Alice N. Mead	Holt House
(Freshmen Men)	
Jeannette M. Morgenroth	Rollins Hall
(Sigma Nu)	
Olive E. Parrish	Mayflower Hall
(Pi Beta Phi)	
Marian S. Pierce	Lucy Cross Hall
(Kappa Alpha Theta)	
Hazel I. Redens	Chase Hall
(Freshmen Men)	
Inez L. Regan	Fox Hall
(Phi Mu)	
Ruth C. Reid	Hooker Hall
(Lambda Chi Alpha)	
Ernestine M. Rogero	Lyman Hall, Gale Hall
(Delta Chi and X Club)	
Marie and Frank Stough	The Pelican Beachhouse
Madeleine Wretman	Corrin Hall
(Chi Omega)	

## *Faculty (1960-61)*

Dates indicate (1) first connection with Rollins, (2) year of receiving present rank.

Hugh Ferguson McKean	President; Professor of Art
A.B., Rollins College; A.M., Williams College	(1932;1951)
Schiller Scroggs	Dean of the College
A.B., Southeastern State; M.A., Columbia University	
Ph.D., Yale University	(1958;1958)
Walter Charnbury	Professor Emeritus of Piano
Artist Diploma, Peabody Conservatory; graduate study with	
Isidor Phillip, Paris Conservatoire; pupil of Ernest Hutcheson	(1939;1956)



## Rollins College

- Arthur Delano Enyart**.....Dean Emeritus of Men;  
Professor Emeritus of Business Economics and Religion;  
Consultant to the Administration  
A.B., A.M., Ohio Wesleyan University; S.T.B., Boston  
University; Litt.D., LL.D. (1912;1250)
- Edwin Osgood Grover**.....Professor Emeritus of Books  
B.L., Dartmouth College; Litt.D., L.H.D. (1926;1942)
- Herman Fermain Harris**.....Professor Emeritus of English  
A.B., Ped.B., A.M., University of Missouri, Litt.D. (1924;1941)
- Edward Francis W. Jones**.....Professor Emeritus of Mathematics  
B.S., C.E., Manhattan College (1922;1954)
- William Melcher**.....Professor Emeritus of Business Administration  
A.B., Drury College; A.M., Harvard University; Ph.D.,  
University of Wisconsin; LL.D., (1934;1952)
- Harry Raymond Pierce**.....Professor Emeritus of Speech  
B.O., M.O., Sp.D. (1929;1942)
- Anna Bigelow Treat**.....Registrar Emeritus  
A.B., Smith College (1927;1948)
- Donald Simpson Allen**.....Professor of Theatre Arts  
A.B., A.M., Ohio Wesleyan University (1934;1945)
- J. Worth Banner**.....Professor of Foreign Languages;  
Director of Foreign Language Studies  
B.S., Roanoke College; M.A., Ph.D., University of  
North Carolina (1959;1959)
- Udolpho Theodore Bradley**.....Professor of History  
A.B., Princeton University; A.M., Ph.D., Cornell University  
(1933;1942)
- Angela Palomo Campbell**.....Professor of Spanish  
Director of Casa Iberia  
B.A., Instituto del Cardenal Cisneros, Madrid;  
A.M., Wellesley College (1936;1944)
- Alphonse Carlo**.....Associate Professor of Violin and Viola  
Graduate, Teacher's Diploma, and post-graduate study,  
Juilliard School of Music; graduate, National Orchestral  
Association, New York City (1942;1944)
- Donald Wesley Carroll**.....Professor of Chemistry  
B.S., M.S., Marshall College; Ph.D., University of Texas  
(1952;1957)
- John Carter**.....Professor of Theory, Composition, and Piano  
B.M., Rollins College; graduate study, Juilliard School of  
Music; pupil of Roy Harris in composition and musicology;  
pupil in piano of Muriel Kerr, Alton Jones, James Friskin;  
coached in German lieder by Coenraad Bos (1938;1949)
- Robert Hatfield Chase**.....Instructor in Theatre Arts  
A.B., Harvard University; M.F.A., Boston University  
School of Fine and Applied Arts (1957;1957)
- Nathan Norman Copeland**.....Instructor in Tennis  
A.B., Rollins College (1946;1950)

## Rollins Personnel

- Theodore Stanley Darrah**.....Dean of Knowles Memorial Chapel;  
Professor of Religion  
**B.S., S.T.B., Harvard University** (1947;1947)
- Nina Oliver Dean**.....Associate Professor of English  
**A.B., Mississippi State College for Women**  
**M.A., Columbia University** (1943;1947)
- Dudley E. DeGroot**.....Assistant Professor of Sociology  
**A.B., University of West Virginia; M.A., University of New Mexico; Ph.D., Ohio State** (1958;1958)
- William Herbert Dewart, Jr.**.....Assistant Professor of English  
**A.B., Kenyon College; M.A., Ph.D., University of Florida** (1956;1960)
- Wilbur Dorsett**.....Assistant Professor of English  
**A.B., A.M., University of North Carolina** (1946;1948)
- Sara Jane Dorsey**.....Instructor in Physical Education for Women  
**B.S., Rollins College** (1948;1948)
- Paul F. Douglass**.....Professor of Government  
**A.B., Wesleyan University; A.M., Ph.D., University of Cincinnati; LL.D., Wesleyan University** (1956;1956)
- Patricia J. Drabik**.....Assistant Professor in Speech  
**A.B., Louisiana State University; M.A., Bradley University; Ph.D., University of Illinois** (1960;1960)
- Evelyn Jensen Draper**.....Assistant Archivist (Instructor)  
**B.S. in L.S., Simmons College** (1957;1960)
- Geneva Drinkwater**.....Professor of History  
**A.B., B.S., University of Missouri; M.A., Ph.D., University of Chicago** (1952;1959)
- Adolphus Ross Evans**.....Associate Professor of Business Administration  
**B.A.E., University of Florida; M.S., Columbia University; C.P.A., Florida** (1949;1949)
- Rudolph Fischer**.....Associate Professor of French and German  
**A.B., University of Basle; A.M., Rollins College; Gymnasial-lehr Staats-examen., University of Basle; Diplomes pour L'Enseignement du Francais des Universites d'Aix-Marseille et de Poitiers** (1940;1946)
- Marcus Peter Frutchey**.....Instructor in Radio, and  
Director of the Radio Program  
(1954;1954)
- Paul N. Geisel**.....Instructor in Sociology  
**B.A., Willamette University; M.A., Vanderbilt University** (1960;1960)
- William Arnold Glasser**.....Instructor in English  
**B.A., Harpur College; M.A., University of Florida** (1959;1959)



## Rollins College

- Catharine Crozier Gleason**-----Assistant Professor of Organ;  
Organist of Knowles Memorial Chapel  
B.M., Artist's Diploma, M.M., Eastman School of Music of the  
University of Rochester; studies organ with Harold Gleason  
and Joseph Bonnet (1955;1955)
- Lillian H. Gleason**-----Associate Professor of Spanish  
B.A., University of Idaho; M.A., Ph.D., University of  
Illinois (1960;1960)
- Frances Westbrook Goubaud**-----Part-time Instructor in Art  
B.S., University of Minnesota; graduate, Chicago  
Academy of Fine Arts (1957;1957)
- Barbara Daly Graham**-----Catalog Librarian (Instructor)  
A.B., Rollins College; graduate, University of Wisconsin  
Library School (1952;1952)
- Edwin Phillips Granberry**-----Irving Bacheller Professor of  
Creative Writing  
A.B., Columbia University; Litt.D. (1933;1940)
- John Bowen Hamilton**-----Associate Professor of English  
A.B., Birmingham Southern College; M.A., Ph.D.,  
University of North Carolina (1957;1957)
- Alfred Jackson Hanna**-----Weddell Professor of History of the  
Americas; First Vice President  
A.B., Rollins College, L.H.D. (1917;1951)
- Alice McBride Hansen**-----Librarian (Professor)  
A.B., Vassar; B.L.S., Columbia University; Ed.M., Harvard  
University (1951;1952)
- A. Maynor Hardee**-----Assistant Professor of French  
B.A., M.A., University of South Carolina (1960;1960)
- Herbert Elmore Hellwege**-----Associate Professor of Chemistry  
Ph.D., University of Hamburg (1954;1959)
- Loren B. Hillsinger**-----Part-time Instructor in Economics  
B.S., United States Military Academy at West Point;  
LL.B., University of Florida (1960;1960)
- Robert Hufstader**-----Professor of Music, and Director of the  
Conservatory of Music; Choirmaster of Knowles Memorial  
Chapel  
B.M., Eastman School of Music of the University of Rochester;  
Diplome avec Distinction, Conservatoire Americain,  
Fontainebleau; pupil of George Szell, Nadia Boulanger,  
and Harold Gleason (1953;1953)
- Daniel M. Hunter**-----Part-time Visiting Lecturer in Law  
LL.B., University of Florida (1958;1958)
- Joseph Justice**-----Associate Professor of Physical Education;  
Director of Athletics  
A.B., Rollins College (1946;1957)
- O'Neill Kane**-----Instructor in Business Administration  
B.S., United States Military Academy at West Point (1960;1960)

## Rollins Personnel

- Frank Jackson Keller**.....Part-time Instructor in Education  
(Fall, Winter)  
B.S., M.S. in Edn., Florida State University (1957;1960)
- Marcus Ray Kelly**.....Assistant Professor of Education  
A.B., Asbury College; M. Ed., University of Florida (1960;1960)
- Leah Rice Koontz**.....Instructor in English  
B.S., Western Michigan University (1954;1954)
- Murray J. Landsman**.....Assistant Professor in Psychology  
B.S., M.A., Bradley University (1959;1960)
- Fred A. Likely**.....Part-time Assistant Professor of Psychology  
A.B., DePauw University; Ph.D., Indiana University (1957;1959)
- Donald Walker Lovejoy**.....Assistant Professor of Geology  
A.B., Harvard University; A.M., Ph.D., Columbia University  
(1959;1959)
- Flora Lindsay Magoun**.....Assistant Professor of Business Education  
B.A., Wellesley College; A.M., Columbia University (1935;1946)
- Hubert Marcotte**.....Assistant Professor of French  
B.A., M.A., University of Montreal (1960;1960)
- Benjamin M. McKulik**.....Instructor in English  
A.B., Princeton University (1960;1960)
- Charles Stetson Mendell, Jr.**.....Professor of English  
A.B., Dartmouth College; A.M., Harvard University (1936;1946)
- Richard P. Momsen, Jr.**.....Assistant Professor of Geography  
B.A., Dartmouth College; M.A., Ph.D., University of Minnesota  
(1960;1960)
- Helen Moore**.....Professor of Piano  
B.M., University of Illinois; Mus. Doc.; Fellowship, Juilliard  
Graduate School of Music; Diplome d'Execution, Conservatoire  
Americain, Fontainebleau; pupil of Isidor Phillip, Olga  
Samaroff, James Friskin, Harold Bauer (1928;1945)
- Letty Morehouse**.....Reference Librarian (Instructor)  
A.B., Rollins College; M.A., Florida State University  
(1953;1956)
- Daniel Nyimicz**.....Assistant Professor of Physical Education  
B.A., M.Ed., University of North Carolina (1949;1950)
- Constance Ortmayer**.....Professor of Sculpture  
Graduate, Royal Academy of Fine Arts, Vienna, and  
Royal Academy Master School (1937;1947)
- Audrey Lillian Packham**.....Professor of Education; Director of  
Teacher Education  
B.S. in Education, Florida State University; A.M.,  
Columbia University (1930;1947)
- Marjorie Janet Patton**.....Instructor in Physical Education for  
Women  
A.B., Rollins College (1950;1954)
- Fleetwood D. Peebles**.....Director of Aquatic Sports  
(1922;1922)



## Rollins College

- Thomas Fales Peterson**.....Instructor in Art  
B.F.A., University of Georgia; M.F.A., Columbia University  
(1958;1958)
- John Oliver Rich**.....Dean of Admissions, (Associate Professor)  
A.B., Rollins College; A.M., The Johns Hopkins University  
(1949;1960)
- Joseph W. Romita**.....Associate Professor of Economics  
B.S., American International College; M.B.A., University of  
Pennsylvania (Wharton School of Finance and Commerce);  
Ph.D., University of Madrid (1959;1959)
- John Ross Rosazza**.....Associate Professor of Voice  
B.M., Westminster Choir College; graduate study,  
Conservatoire Americain, Fontainebleau; Conservatoire  
National de Musique Paris; pupil of John F. Williamson,  
Martial Singher, Charles Panzera, Nadia Boulanger  
(1950;1952)
- John Stoner Ross**.....Associate Professor of Physics  
A.B., DePauw University; M.S., Ph.D., University of Wisconsin  
(1953; 1959)
- W. Stephen Sanderlin, Jr.**.....Associate Professor of English  
A.B., William and Mary College; M.A., Catholic University of  
America; Ph.D., University of Virginia (1958;1958)
- George Saute**.....Professor of Mathematics;  
Director of Courses for the Community  
Ph.B., A.M., Brown University (1943;1946)
- Edward W. Scheer, Jr.**.....Instructor in Biology  
B.S., Rollins College; M.A., Harvard University (1957;1958)
- Malcolm Fraser Scott**.....Admissions Counselor (Instructor)  
A.B., Dartmouth College (1953;1955)
- Bernice Catherine Shor**.....Associate Professor of Biology  
B.S., M.S., Rollins College (1926;1944)
- Janis Silins**.....Assistant Professor of Russian  
Mag. Philos., Ph.D., University of Riga (1956;1960)
- Rhea Marsh Smith**.....Professor of History  
A.B., Southern Methodist University; A.M., Princeton  
University; Ph.D., University of Pennsylvania (1930;1942)
- Irvin Stock**.....Professor of English  
B.A., New York University; M.A., Ph.D., Columbia University  
(1952;1957)
- Wendell Cornell Stone**.....Professor of Philosophy  
A.B., Pomona College; Ph.D., Yale University; LL.D. (1933;1941)
- Henry Skillman Suydam, Sr.**.....Part time Instructor in Water-skiing  
(1949;1957)
- Dan Anderson Thomas**.....Professor of Physics;  
Director, Graduate Program in Physics  
B.S., University of Chattanooga; Ph.D., Vanderbilt University  
(1952;1957)

## Rollins Personnel

- Laurence W. Thomas**.....Instructor in English  
B.A., M.A., University of Michigan (1960;1960)
- John Meyer Tiedtke**.....Professor of Economics; Second Vice  
President; Treasurer; Dean of the Graduate Program  
A.B., Dartmouth College; M.C.S., Amos Tuck School of  
Business Administration (1936;1951)
- William H. Trapnell, Jr.**.....Instructor in French  
B.S., Hampden-Sydney College (1960;1960)
- Clinton W. Trowbridge**.....Assistant Professor of English  
A.B., Princeton University; M.A., Ph.D., University of Florida  
(1958;1958)
- Dyckman Ware Vermilye**....Dean of Men; Associate Professor of  
Psychology  
B.A., College of William and Mary; M.A., University of  
Minnesota; Ed.D., Columbia University (1957;1957)
- Paul Anthony Vestal**.....Professor of Biology; Director of the  
Thomas R. Baker Museum of Natural Science and  
the Beal-Maltbie Shell Museum  
A.B., Colorado College; A.M., Ph.D., Harvard University  
(1942;1949)
- Arthur Wagner**.....Assistant Professor of Theatre Arts;  
Director of the Theatre  
B.A., Earlham College; M.A., Smith College (1956;1957)
- Alexander Waite**.....Professor of Psychology  
A.B., University of South Carolina; M.Ed., Ph.D., Duke  
University (1937;1942)
- Helen Linnemeier Watson**...Dean of Women (Associate Professor)  
A.B., Florida State College for Women; M.A., Simmons College  
(1956;1956)
- Bruce B. Wavell**.....Assistant Professor of Philosophy  
B.Sc., Ph.D., London University (1959;1961)
- Emily E. Webber**.....Associate Professor of Music Education and  
Piano  
B.S., College of Charleston; B.A., Winthrop College; M.A.,  
Teachers College, Columbia University; Ph.D. in Music,  
Florida State University (1960;1960)
- Charles August Welsh**....Associate Professor of Business Admin-  
istration; Director, Graduate Program in Business Administration  
B.S., M.A., Ph.D., New York University (1955; 1955)
- Gordon James Wilson**....Instructor in Organ and Piano; Assistant  
Organist in the Knowles Memorial Chapel  
B.M., B.A., Birmingham Southern College; M.Mus., Florida  
State University (1960;1960)
- Roy Arthur Wilson**.....Visiting Professor of Geology  
B.S., M.S., University of Montana; Ph.D., University of Chicago  
(1953;1953)



## Rollins College

- Richard Schuyler Wolfe**-----Assistant Professor of Mathematics;  
Registrar  
B.A., Intermountain Union College; M.A., University of  
Washington (1957;1957)  
**James Richard Wright**-----Instructor in Spanish  
B.A., Northwestern University; M.A., Middlebury College  
(1960;1960)  
**Stanislav Zimic**-----Instructor in Spanish  
Diploma in Romance Languages (Italian); University of  
Ljubljana; M.A., University of Miami (1960;1960)

## INSTITUTE FOR GENERAL STUDIES STAFF

- Molly Barrow**-----Instructor in Piano  
B.Mus., Stetson University (1959;1959)  
**Sara Ann Brookbank**-----Instructor in Violin and Theory  
B.M., Rollins College (1959;1959)  
**Bartley Frank Brown**-----Instructor in Business Administration  
A.B., University of Georgia; M.A., Marshall College; Ed.D.,  
University of Florida (1956;1956)  
**Elizabeth Graves Burke**-----Instructor in Art and Ceramics  
A.B., University of North Carolina (1955;1955)  
**Norman F. Burke**-----Instructor in Graduate Program in Business  
Administration  
A.B., University of Rhode Island; LL.B., Boston University  
School of Law; LL.M., Harvard University (1959;1959)  
**Julia Katherine Campbell**-----Instructor in Mathematics  
A.B., M.A. in Edn., Stetson University (1956;1956)  
**Alphonse Carlo**-----Instructor in Violin and Viola  
Graduate, Teacher's Diploma, and post-graduate study,  
Juilliard School of Music; graduate, National Orchestral  
Association, New York City (1942;1951)  
**Katherine Carlo**-----Instructor in Piano  
Graduate, Institute of Musical Art; Juilliard School of Music;  
piano pupil of Carl M. Roeder; study at Yale Summer School  
of Music; piano with Bruce Simonds (1942;1953)  
**Mark Andrew Casey**-----Instructor in Woodwinds and Percussion  
B.Mus. E., Murray State College (1959;1959)  
**Lewis J. De Laura**-----Instructor in Education  
B.Ed., State University of N. Y.; A.M., Teachers College,  
Columbia University (1959;1959)  
**Sylvester A. De Mars**-----Instructor in Mathematics  
B.S., University of Pittsburgh; M.S. in E.E., Newark College of  
Engineering (1956;1956)  
**Vernon E. Derr**-----Instructor in Graduate Program in Physics  
Ph.D., Johns Hopkins University (1959;1959)

## Rollins Personnel

- Jeffrey S. Deutsch**.....Instructor in Mathematics  
B.S. Aero. Engr., Virginia Polytechnic Institute (1960;1960)
- Patricia J. Drabik**.....Instructor in Graduate Program in Business  
Administration  
A.B., Louisiana State University; M.A., Bradley University;  
Ph.D., University of Illinois (1960;1960)
- Louis M. Edwards**.....Instructor in Mathematics  
B.S., M.Ed., University of Florida (1956;1956)
- Arthur E. Eschenbach**.....Instructor in Psychology  
A.B., Cornell University; M.A., Ph.D., University of Florida  
(1959;1959)
- A. Ross Evens**.....Instructor in Graduate Program in Business  
Administration  
B.A.E., University of Florida; M.S., Columbia University;  
C.P.A., Florida (1949;1957)
- Rudolph Fischer**.....Instructor in Cello  
A.B., University of Basle; A.M., Rollins College;  
Gymnasiallehrer Staatsexamen. University of Basle; Diplomes  
pour l'Enseignement du Francais des Universites d'Aix-  
Marseille et de Poitiers (1940;1951)
- Harold Gleason**.....Instructor in Organ  
M.M., Eastman School of Music of the University of  
Rochester; Mus.D. (1955;1955)
- Margaret Hicks**.....Instructor in Modern Dance  
Certificate, University of Western Ontario (1960;1960)
- Loren B. Hillsinger**.....Instructor in Graduate Program in Business  
Administration  
B.S., United States Military Academy at West Point; LL.B.,  
University of Florida (1960;1960)
- Alice Anderson Hufstader**.....Instructor in Voice  
Graduate, Juilliard Graduate School; pupil of Florence Page  
Kimball, Anna Schoen-Rene; voice coaching with Coenraad  
v Bos (1954;1954)
- James N. Jamieson**.....Instructor in Mathematics  
B.S., M.S., University of Miami (1960;1960)
- O'Neill Kane**.....Instructor in Graduate Program in Business  
Administration  
B.S., United States Military Academy at West Point (1960;1960)
- Emilia Eulalia Knight**.....Instructor in French and Spanish  
(1952;1952)
- Bert F. Kremp**.....Instructor in Mathematics  
B.S., Southwestern College, Memphis; M.S., Florida State  
University (1958;1958)
- Iris Johnson Kupfer**.....Instructor in Piano  
Graduate, Peabody Conservatory; B.M., Rollins College  
(1956;1956)
- Robert A. Lindemann**.....Instructor in History  
A.B., A.M., Ph.D., Indiana University (1960;1960)



## Rollins College

- Marion Marwick.....Director of Creative Arts Program;  
Instructor in Piano  
Associate, Toronto Conservatory of Music; graduate study with  
Alberto Guerrero and Myrtle Rose (1951;1956)
- George W. Maxwell, Jr.....Instructor in Education  
A.B., University of Denver; M.Ed., University of Florida  
(1960;1960)
- Howard Philip Nicely.....Instructor in Mathematics  
B.S., Rollins College; M.S., Vanderbilt University (1955;1958)
- John William Oliver.....Instructor in History  
A.B., M.A., University of Missouri; Ph.D., University of  
Wisconsin; Litt.D. (1956;1956)
- C. Dan Pierson, Jr.....Instructor in Graduate Program in Physics  
Ph.D., Illinois Institute of Technology (1959;1959)
- Daniel Jack Powell, Jr.....Instructor in Business Administration  
A.B., Rollins College; C.P.A., Florida (1960;1960)
- Sherry Redler.....Instructor in Theatre  
B.A., Adelphi College (1960;1960)
- Virgil M. Rochester.....Instructor in Business Administration  
B.A., Furman University; LL.B., University of South Carolina  
(1960;1960)
- Joseph W. Romita.....Instructor in Graduate Program in Business  
Administration  
B.S., American International College; M.B.A., University of  
Pennsylvania (Wharton School of Finance and Commerce);  
Ph.D., University of Madrid (1959;1959)
- Joseph J. Rosa.....Instructor in Sociology  
A.B., Brown University; M.A., Columbia University (1960;1960)
- George Saute.....Director, Courses for the Community; Instructor in  
Graduate Program in Physics  
Ph.B., A.M., Brown University (1943;1959)
- Marguerite Muller Sibol.....Instructor in Mathematics  
A.B., Bucknell University; A.M., University of Florida  
(1952;1958)
- Zens Lawrence Smith.....Instructor in Mathematics  
B.S., Knox College; M.S., University of Chicago (1957;1957)
- Grover M. Stallings.....Instructor in Business Administration  
B.B.A., University of Georgia; C.P.A. (1957;1957)
- John A. Stanley.....Instructor in Brass and Woodwinds  
B.Mus. E., Florida State University; M.Mus. Ed., Florida State  
University (1959;1959)
- James M. Stoll, Jr.....Instructor in Mathematics  
B.S., Wake Forest College (1956;1956)
- Martha Straub.....Instructor in Violin  
B.S. in Mus. Ed., Lebanon Valley College (1959;1959)

## Rollins Personnel

- Dan Anderson Thomas**.....Director, Graduate Program in Physics;  
Instructor in Graduate Program in Physics  
B.S., University of Chattanooga; Ph.D., Vanderbilt University  
(1952;1959)
- Laurence W. Thomas**.....Instructor in English  
B.A., M.A., University of Michigan (1960; 1960)
- Charles August Welsh**.....Director, Graduate Program in Business  
Administration; Instructor in Graduate Program in  
Business Administration  
B.S., M.A., Ph.D., New York University (1955;1957)
- Emily E. Webber**.....Instructor in Theory  
B.S., College of Charleston; B.A., Winthrop College; M.A.,  
Teachers College, Columbia University; Ph.D. in Mus.,  
Florida State University (1960;1960)
- Edgar W. Williams**.....Instructor in Brass and Woodwinds;  
Conductor, Florida Symphony Youth Orchestra  
B.A., University of Tampa; M.A., University of Maine  
(1957;1957)
- Elizabeth Wilson**.....Instructor in Piano  
B.A., Vassar College (1960;1960)
- John Woodward**.....Instructor in Mathematics  
B.S., Presbyterian College, S.C.; M.S., University of Georgia  
(1960;1960)

## CONSULTANTS

- James Edgar Bell**.....Consultant  
B.S., University of Chicago; Ph.D., University of Illinois  
(1945;1952)
- Frederic Quintard Boyer**.....Consultant on Maps,  
Mills Memorial Library  
Ph.B., M.E., Yale University (1952;1952)
- Theodore Collier**.....Consultant  
A.B., A.M., Hamilton College; Ph.D., Cornell University;  
L.H.D. (1945;1952)
- William Abbott Constable**.....Consultant in English  
M.A., University of Edinburgh (1943;1960)
- Oliver Knight Eaton**.....Consultant on American Institutions  
A.B., Allegheny College; LL.D. (1951;1951)
- Norman Everett Gilbert**.....Consultant  
A.B., A.B., Wesleyan University; Ph.D., Johns Hopkins  
University (1945;1952)
- Harold Gleason**.....Consultant in Music  
M.M., Eastman School of Music of the University of  
Rochester; Mus.D. (1955;1960)
- John Witherspoon McDowall**.....Consultant  
B.S., North Carolina State College; M.S., Duke University  
(1929;1957)



## Rollins College

### LIBRARY STAFF

Alice McBride Hansen, A.B., B.L.S., Ed.M.	Librarian
Barbara Daly Graham, A.B., Graduate of Wisconsin Library School	Catalog Librarian
Letty Morehouse, A.B., M.A.	Reference Librarian
Olive E. Mahony	Head of Circulation
Lucile Lacey	Acquisitions Head
H. Louise Eberle	Assistant Cataloger, and Assistant in Documents
Lorena Graham	Clerical Assistant
Phyllis Taylor Hunt	Films, Periodicals, and Processing Assistant
Dorothy Shepherd Smith, A.B.	Assistant, Union Catalog of Floridiana

### THE CENTER FOR PRACTICAL POLITICS STAFF

Paul F. Douglass	Director
A.B., Wesleyan University; A.M., Ph.D., University of Cincinnati; LL.D., Wesleyan University	
Frederic Eberle, A.B., B.S. in C.E.; Graduate of Royal Bavarian Military Academy, Munich	Staff Engineer
Laura Custer	Secretary

### STUDENT HEALTH SERVICE AND DISPENSARY STAFF

Russell W. Ramsey, M.D.	College Physician
Laurence A. Bilotta, B.S., M.D.	Associate College Physician
Lois O. Miller, R.N.	Nurse

### UNDERGRADUATE LABORATORY ASSISTANTS

Linda Beryl Bernstein	Biology
Ted Ray Bradley	Museum
James Steve Browder	Physics
Frank R. Dunnill	Physics
Jerry Collins Freeman	Biology
John Edward Harkness	Biology
Nancy Hope Harlin	Chemistry
Arthella Mureldine Hines (Mrs.)	Physics
Lawrence L. Holecok	Chemistry
John V. A. Holmes	Philosophy
Gayle Jordan	Biology
Marilyn Mae Koepke	Biology
Peter Andrew Marino	Physics
Frank Thomas Passini	Psychology
Jane M. Ruble	Biology
Ann Place Smith	Biology
Walter William Wirth	Biology

## *Organization of the Departments and Divisions of the College*

For administrative purposes the departments of the college are organized in five divisions as shown below. Each division elects a chairman to serve for three years. The chairmen of the five divisions, together with the president, three members elected at large, one appointed by the president and the dean as chairman, constitute the Faculty-Administration Committee. This committee studies matters referred to it by the faculty, considers and recommends policy changes to the faculty, and serves as a curriculum committee.

### THE DIVISIONS

**COMMUNICATION AND LITERATURE:** English, Foreign Languages

**EXPRESSIVE ARTS:** Art, Music, Theatre Arts, Speech, Radio

**PERSONAL RELATIONS:** Library, Religion, Philosophy, Psychology, Physical Education, Education

**SCIENCE AND MATHEMATICS:** Biology, Chemistry, Geology, Mathematics, Physics

**SOCIAL RELATIONS AND BUSINESS:** Economics and Business Administration, History and Government, Geography, Sociology and Anthropology

### *Standing Elective Committees of the Faculty for 1960-1961*

**FACULTY-ADMINISTRATION COMMITTEE:** The president, the dean (chairman), Mr. Hellwege (Science and Mathematics), Mrs. Koontz (Communications and Literature), Miss Packham (Personal Relations), Mr. Rosazza (Expressive Arts), Mr. Ross (at large), Mr. Smith (Social Relations and Business), Mr. Stock (at large), Mr. Stone (appointed), Mr. Wagner (at large).

**FACULTY ADVISORY COMMITTEE:** Mr. Dan Thomas, Mr. Granberry, Mr. Carroll



## Rollins College

**FACULTY REVIEW COMMITTEE:** Mr. Saute, Mr. Allen (alternate), Miss Ortmayer, Mr. Stock, Mr. Carroll, Mr. Dan Thomas

### **JOINT COMMITTEE OF TRUSTEES, FACULTY, AND STUDENTS:**

**TRUSTEES:** Mr. Craig (chairman), Mr. Dickie, Mrs. Wilson; **FACULTY:** Miss Drinkwater, Mr. Banner, Mr. Wagner; **STUDENTS:** Alan Coleman (chairman), Jane Goodnow, Sylvia Peters, Diane Boggs (alternate), Luis Dominguez (alternate).

**STUDENT-FACULTY DISCIPLINE COMMITTEE:** The Dean, ex officio (chairman), the Dean of Men, ex officio, the Dean of Women, ex officio; **FACULTY:** Mr. DeGroot, Mrs. Magoun, Mr. Glasser, Miss Patton; **STUDENTS:** Ginger Cornell (chairman), Bruce Aufhammer, Chick Guerrero, Marilyn Koepke, Tony Toledo, Gayle Jordan (alternate), Ed Leal (alternate).

**COMMITTEE ON ADMISSIONS, ACADEMIC STANDING, SCHOLARSHIPS, AND FINANCIAL AID:** The Dean (chairman), Dean of Admissions, Dean of Women, Dean of Men, Registrar, Treasurer, Mr. Chase, Miss Drinkwater, Mr. Hamilton, Mr. Hellwege, Mr. Lovejoy, Miss Shor. **NOTE:** This committee operates as three sub-committees — Admissions, Academic Standing, Scholarships and Financial Aid—with the Dean of the College serving as chairman of each.

## *Degrees and Awards*

### **DEGREES AND AWARDS CONFERRED**

**February 22, 1960**

**Angela Palomo Campbell**—Algernon Sydney Sullivan Medallion

**R. Buckminster Fuller**—Doctor of Humane Letters

**Grace Phillips Johnson**—Algernon Sydney Sullivan Medallion

**Dean Liston Pope**—Doctor of Humane Letters

**Rose Skillman**—Doctor of Philanthropy

**James Johnson Sweeney**—Doctor of Humane Letters

**April 24, 1960**

**Lillian Wilmott Fishback**—Rollins Decoration of Honor

**Faith Emeny Conger**—Rollins Decoration of Honor

## Degrees and Awards

June 3, 1960

**Frederic Quintard Boyer**—Rollins Decoration of Honor

**Edward Andrew Wagner**—Rollins Decoration of Honor

**Filmer S. C. Northrop**—Hamilton Holt Medal

### BACHELOR OF ARTS

John Jim Adam	Laura Kay Leimbacher
Anita Carroll Alexander	Robert David Lerner
William Charles Allen	Suzanne Lewis
Emmett Lawrence Bailey	Carla Sandy Logan
Sarah Lanier Barber	Nelle Snow Longshore
Sefton Kingsbury Barnes	Betty Sue Lukins
Valerie Antoinette Baumrind	James Patrick Lyden
John Miller Bofinger	Allan Burnam MacLeod
Jody Stark Boulware	William Read MacLeod
Tagg Norwood Bowman	Stephen David Mandel
Edward James Brady	Jurgen Johannes Manegold
Joan Carol Brand	Richard Huntington Mansfield
Vallorie Gail Burnette	Bruce McEwan
Ellen Sydney Burt	Virginia Owen McHaney
Virginia Butler	Robert Wilson McNenny
Julie Davis Cale	Nathaniel Morse Mendell
Margaret Sandra Carmichael	Richard James Mertz
Cleo Jane Chambliss	Sandra Gail Miller
Isaac Franklin Davis, Jr.	Dale Eugene Montgomery
Helen Pine Dettra	Stanley Harrison Mores, Jr.
Richard Carlton Diversi	Charles Wells Morley, Jr.
Marilyn Janet Dupres	Franklin Burr Morse, Jr.
(With High Distinction)	William Caradine Moulton
Arthur John Egan	Carol Ann Muir
Caril Lynn Egly	Juanita Cameron Murray
Charles Barth Engert	Ralph Edwin Oestricher
Alec Louis Fedosi	Louise Jeanne Palmer
Valerie LaVange Greene	Nancy Louise Pfanner
Elizabeth Rose Halperin	Joseph Lynn Pflug II.
Gorham Bacon Harper, Jr.	Charles Gilbert Pierce
Gertrude Sonderegger Harvey	Wellington James Ramsey III.
Melody Conant Stearns Hastings	Priscilla Lutz Ransom
Karen Jolene Nordberg Hendrex	Robert Francis Rauch
David Allan Hewitson	Sara Sanford Reed
Francis John Hickey	Jean Frances Rigg
Barbara Hass Hoadley	Gwynva Francis Ogilvie Salyer
Eleanor Lloyd Hoskins	Arlene Crew Sanderson
Lorraine Blondeel Hurst	Sally Mills Satchwell
Richard Walter Johnston	Phillip Randall Scott
Eleanor Shaw Kenyon	Carol Ann Sitton
Robert Earl Kipp, Jr.	Gail Parson Smith
Daniel Henry Laurent	



## **Rollins College**

Kathleen Cecilia Smith  
Patricia Jean Stevens  
Robert Bruce Stewart  
Scott Edward Strahan, Jr.  
Gail Anne Sutcliffe  
Anita Lucille Tanner  
Mark Charles Tiedje  
Robert Thomas Todd  
Audrey Waterman Tyler  
Elizabeth Jane Van Mater

Juliet Hollis Van Pelt  
Gerrit Cornelius Verburg  
Warren Foote Wallace  
William Joseph Ward III.  
Nancy Helen Watzek  
Joan Colvin White  
Mary Neel Whitman  
Deborah Lynde Williams  
Joseph Alva Wingerter  
Phyllis Jean Zatlin  
(With Highest Distinction)

### **BACHELOR OF SCIENCE**

Evelyne Sigrid Arndt  
Walter Lee Cain  
Roger Scott Chadwick  
Frederick Wilton Courington  
Garrett John Crotty  
(With Distinction)  
Linda Cooper Crow  
Dale Eugene Ingmanson

Linda Wissing King  
John Charles Leffingwell  
David Merritt MacMillan  
Elizabeth Jane Moore  
Mataileen Larkin Ramsdell  
Gordon Lee Struble  
David Llewellyn Van Schaick

### **BACHELOR OF MUSIC**

Lillian Edwards Miller  
(Composition)

### **MASTER OF BUSINESS ADMINISTRATION**

Kenneth Roger Adrian, B.S.E.E., B.S.B.A.  
Kansas State College of Agriculture and Applied Science  
James John Foti, B.M.E.  
Marquette University  
Frank Desmond Murphy, B.A.  
The State University of Iowa  
Ronald Everett Ring, B.S.M.E.  
Northwestern University

## *Honors and Awards 1959-1960*

### **ALGERNON SYDNEY SULLIVAN MEDALLION**

Margaret Sandra Carmichael     James Patrick Lyden

### **THE GENERAL REEVE AWARDS FOR SCHOLARSHIP**

Margaret Sandra Carmichael     Phillip Randall Scott  
Marilyn Janet Dupres     Gordon Lee Struble  
Phyllis Jean Zatlin

### **THE CHI OMEGA SOCIAL SCIENCE AWARD**

Juliet Van Pelt

## Honors and Awards

### THE GAMMA PHI BETA ECONOMICS PRIZE

Marilyn Janet Dupres

### THE GENERAL REEVE ESSAY CONTEST

John Edward Harkness

Burt Arthur Jordan

Tony Milton Toledo—Winner of the Hamilton Holt Award

### THE ZETA ALPHA EPSILON BOOK PRIZE

Walter Lee Cain

### THE PI BETA PHI DRAMATICS PRIZE

Charles Wells Morley

### THE THETA ALPHA PHI AWARD

Peter Middlebrook Kellogg

Carol Ann Wiese

### THE WILLARD WATTLES ENGLISH AWARD

Barbara Jean Graham Greene

### THE PI GAMMA MU HONOR MEDAL

Sally Mills Satchwell

### THE LECOMTE du NOUY ESSAY PRIZE

Jean Frances Rigg

### THE CHARLES HYDE PRATT CREATIVE WRITING AWARD

John Edward Harkness

### THE COLONEL RICHARD C. PLUMER MEMORIAL AWARD

Ralph Underhill Hyde, Jr.

### THE ACADEMY OF AMERICAN POETS POETRY PRIZE

Sarah Lanier Barber

Sally Warner

### THE SIGMA XI AWARDS

Graduate Scholarship Award:

Gordon Lee Struble

Junior Science Major Award:

John Edward Harkness

### THE PHI MU ATHLETIC AWARD

Virginia Owen McHaney

### THE WALTER B. JOHNSON MEMORIAL AWARD

Garrett John Crotty



Rollins College

**THE GEORGE CHANDLER HOLT  
SCHOLARSHIP TROPHY**

Tau Kappa Epsilon

**THE KAPPA KAPPA GAMMA TROPHY**

Gamma Phi Beta

**THE CENTRAL FLORIDA ASSOCIATION OF  
PHI BETA KAPPA AWARD**

Jane Waits Wright

**ELECTED TO PHI SOCIETY**

Virginia Campbell  
Catherine Cornelius  
Patricia Anne Corry  
Astrid Delafield  
Claire Elaine Heald  
David Arnold Hines  
Joan Murray

Joan Alwyn Norvell  
Catharine Ondovchak  
William Strozier Routh  
Jane Marie Ruble  
Sally Ann Schreiber  
Susan Ella Wallis

**THE O'BRIEN INTRAMURAL TROPHY**

First Prize:  
Kappa Alpha Theta

Second Prize:  
Kappa Kappa Gamma

**THE J. GORDON CLERK TROPHY**

X Club

**THE ARTHUR KNOWLES HUTCHINS MUSIC AWARD**

Joan Alwyn Norvell

**THE FRED STONE AWARD**

Vaughn Ku'u'lei Hoe

**THE HOWARD FOX LITERARY PRIZE**

John Francis Hickey

**THE BARBARA S. GOLDNER SCHOLARSHIP AWARDS**

Tau Kappa Epsilon

Gamma Phi Beta

## Summary of Enrollment

### Summary of Enrollment

#### FALL TERM 1960-61

##### Geographical Distribution of Students

Alabama	2	New Hampshire	2
Alaska	1	New Jersey	36
Arkansas	2	New York	92
California	3	North Carolina	9
Connecticut	44	Ohio	40
Delaware	1	Oklahoma	2
District of Columbia	7	Pennsylvania	33
Florida	265	Rhode Island	1
Georgia	22	South Carolina	6
Illinois	42	South Dakota	1
Indiana	17	Tennessee	18
Kansas	4	Texas	6
Kentucky	17	Virginia	15
Louisiana	3	Washington	2
Maine	6	West Virginia	2
Maryland	14	Wisconsin	7
Massachusetts	36	Wyoming	1
Michigan	16	Canal Zone	1
Minnesota	5	Puerto Rico	1
Missouri	9	Virgin Islands	3
Nebraska	2		

##### Foreign Countries

Bermuda	1	Mexico	1
Canada	2	Panama	1
Colombia	2	Peru	1
Denmark	2	Philippines	1
France	1	Thailand	1
Greece	2	Venezuela	1
Italy	1		

#### GENERAL SUMMARY FOR FALL TERM 1960-61

Men Students 412 Women Students 419

**TOTAL ENROLLMENT 831\***

\*This includes 19 unclassified students taking day courses for credit on the Rollins campus.

##### Students enrolled in Bootstrap Program for Fall of 1960

Men 343 Women 119

**TOTAL 462**

Students enrolled in graduate courses in Business Administration and Physics for Fall of 1960

Men 138 Women 1

**TOTAL 139**



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